

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--|------------------|
| 5 | 159 | @ad<20000331 and (convert or extrapolate or make or create) with ("high resolution" or "full resolution" or original) with (thumbnail or "low resolution" or draft) | USPAT; US-PGPUB; EPO; DERWENT | 2003/09/19 17:10 |

| Set | Items | Description |
|-----|----------|---|
| S1 | 91 | AU=(CHAUVIN L? OR CHAUVIN, L?) |
| S2 | 247276 | RESOLUTION?(2N)(LOW??? OR HIGH???) |
| S3 | 75150 | S2(7N)(IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? OR PHOTOGRAPH?) |
| S4 | 155455 | BITMAP? OR CONTONE? OR PIXEL? OR PIXMAP? |
| S5 | 20933781 | EXTRAPOLAT? OR TRANSLAT? OR SIMPLIF? OR CREAT? OR MANUPULAT? OR CHANG? OR CONVERT? OR CONVERSION |
| S6 | 5711 | S3(10N)S5 |
| S7 | 561 | S6(S)S4 |
| S8 | 523 | S6(5N)(ONLINE OR ON()LINE OR INTERNET OR INTRANET OR WEB? - OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR LAN OR WAN OR SERVER?) |
| S9 | 450 | S6(15N)S4 |
| S10 | 959 | S8 OR S9 |
| S11 | 652 | S10 NOT PY>2000 |
| S12 | 324 | RD (unique items) |
| S13 | 0 | S1 AND S3 |
| S14 | 297 | S12 NOT PD=20000331:20030919 |
| S15 | 297 | RD (unique items) |

? show file

File 9:Business & Industry(R) Jul/1994-2003/Sep 18
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Sep 19
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File 16:Gale Group PROMT(R) 1990-2003/Sep 18
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File 148:Gale Group Trade & Industry DB 1976-2003/Sep 19
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File 160:Gale Group PROMT(R) 1972-1989
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File 275:Gale Group Computer DB(TM) 1983-2003/Sep 18
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File 621:Gale Group New Prod.Annou.(R) 1985-2003/Sep 19
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File 636:Gale Group Newsletter DB(TM) 1987-2003/Sep 18
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File 20:Dialog Global Reporter 1997-2003/Sep 19
(c) 2003 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2003/Sep 19
(c) 2003 Financial Times Ltd

File 610:Business Wire 1999-2003/Sep 19
(c) 2003 Business Wire.

File 613:PR Newswire 1999-2003/Sep 19
(c) 2003 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2003/Sep 18
(c) 2003 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2003/Sep 18
(c) 2003 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 635:Business Dateline(R) 1985-2003/Sep 19
(c) 2003 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2003/Sep 19
(c) 2003 The Gale Group

File 47:Gale Group Magazine DB(TM) 1959-2003/Sep 18
(c) 2003 The Gale group

15/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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2426485 Supplier Number: 02426485 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Canon announces new digital camera

(Canon USA introduces a new digital camera, the PowerShot A50)

Photo Marketing Newsline, p 1+

March 31, 1999

DOCUMENT TYPE: Electronic Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 116

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...compensation.

The PowerShot A50 incorporates a newly developed 1/2.7-inch, 1.31 million pixel CCD sensor that creates full-color high - resolution images up to 1280-by-960 pixels .

15/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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2317577 Supplier Number: 02317577 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Web Authoring For Video Developers

(Sarnoff's object-based MPEG-4 authoring toolset lets developers of professional & consumer video products create products that display, broadcast or publish still or moving objects on film)

Newsbytes News Network, p N/A

December 11, 1998

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 501

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...on a standard PC.

The MPEG-4 tools are scalable and can be used in high - resolution to create motion pictures and HDTV (high definition television) images or at lower resolutions to put images on the Internet , a company official told Newsbytes. They are compliant with the new draft standard of MPEG...

15/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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2091474 Supplier Number: 02091474 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Panasonic Announces Palm-sized DigiCam Camera

(Panasonic's new palm-sized digital camera has footprint about size of credit card, with million-pixel charged coupled device that picks up color & light variations & changes those variations into voltage values & stores the data)

Newsbytes News Network, p N/A
March 18, 1998
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 561

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...sites." High resolution quality gets lost in such situations because of the small size of **photos** posted on the **Web**, said Gelb, while **higher resolutions** (typically 1, 024 by 768 **pixels**) **create** larger file sizes. Larger files increase download times, "a real concern to most Web users..."

TEXT:

...sites."

High resolution quality gets lost in such situations because of the small size of **photos** posted on the **Web**, said Gelb, while **higher resolutions** (typically 1, 024 by 768 **pixels**) **create** larger file sizes. Larger files increase download times, "a real concern to most Web users..."

15/3,K/4 (Item 4 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

2076742 Supplier Number: 02076742

On-Demand Printing System Adopts Cluster Concept

(Mita Industrial introduces Micro Press on-demand printing system based on cluster printing in Japan; printing speeds can reach up to 192 ppm)

Office Equipment & Products, p 9-10

March 1998

DOCUMENT TYPE: Journal ISSN: 0387-5245 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...Macintosh and Windows data with a reduced processing time. Printing can be further accelerated by **converting high - resolution images to low - resolution** ones by way of an **image management server**.

15/3,K/5 (Item 5 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
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1971729 Supplier Number: 01971729

With Drop Modulation Technology, Printers Deliver Picture

(Canon launches Wonder BJ printers that handle A3 paper and provide improved picture quality)

Office Equipment & Products, p 53

October 1997

DOCUMENT TYPE: Journal ISSN: 0387-5245 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...and offering improved picture quality. The printers feature an image optimiser function for providing correct **image** data. With the function, **low - resolution bitmap** information is **changed** into **high - resolution images** for the printer engine. High-definition **images** are produced

thanks to Epson's interpolation technology. The best reproduction of natural images and...

15/3,K/6 (Item 6 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1955709 Supplier Number: 01955709 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Marketing Deal Signed For High-Res Digital Camera
(Competitive Technologies has agreed to market Norwegian company MRT
Micro's high-definition digital color video camera, mostly in Europe and
Asia-Pacific)
Newsbytes News Network, p N/A
October 02, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 354

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...generate a video output signal with 1,080 visible lines per frame and 1,920 **pixels** per line. It will generate this **high - resolution** signal without the poor motion rendition and **picture** degradation that would normally result from simply **converting** a scan to higher frame and line rates, officials claimed. The system uses two charge...

15/3,K/7 (Item 7 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1920091 Supplier Number: 01920091
Science and Technology Agency to Focus on Information Science
(Science & Technology Agency plans to focus its R&D on information science;
it will invest two billion yen in projects to develop gigabit-level
networks)
Nikkan Kogyo Shimbun, p 1
August 23, 1997
DOCUMENT TYPE: Business Newspaper (Japan)
LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:
...beginning in 1998. It will invest two billion yen in projects to develop gigabit-level **networks** capable of realtime transfer of **high - resolution images** and software which predicts climatic **change** using satellite data. The agency is seeking the cooperation of other governmental organizations and universities...

15/3,K/8 (Item 8 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1881340 Supplier Number: 01881340 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microvision
(Microvision signs deal with Ericsson Saab Avionics to explore advanced
visual display systems)
Interavia Business & Technology, v 52, n 610, p 12

June 1997
DOCUMENT TYPE: Journal; News Brief ISSN: 0983-1592 (Switzerland)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 94

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...s eye. The VRD scans a lower power beam of light to "paint" rows of pixels on to the eye, **creating a high - resolution , full-motion image** without the need for electronic screens of any kind. VRD is seen by Ericsson Saab...

15/3,K/9 (Item 9 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1849155 Supplier Number: 01849155 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Two eye virtual retinal display tech

(Microvision Inc and Saab AB are joining forces to explore the commercial possibilities for advanced visual displays based on virtual retinal-display technology)

Electronic Engineering Times, p 35

June 09, 1997

DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 184

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...viewer's eye. The VRD scans a low-power laser beam, which "paints" rows of **pixels** onto the eye, **creating a high - resolution , full-motion image** without using electronic screens. The initial phase of the contract is scheduled to end in...

15/3,K/10 (Item 10 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1658332 Supplier Number: 01658332 (USE FORMAT 7 OR 9 FOR FULLTEXT)

UK - Netcom Links With Supernet On Hi-Res Internet Technology

(UK Division of Netcom contracts with Supernet to include the Supernet graphics library in its starter kit for new subscribers)

Newsbytes News Network, p N/A

November 12, 1996

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 270

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Web site, the text from the Web site is combined with the Supernet graphics to **create a "highly graphical and high resolution " Web image** , but without the lengthy download times normally needed across the Internet for such images.

Netcom...

15/3,K/11 (Item 11 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1597101 Supplier Number: 01597101 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Army To Get An Eyeful Of Virtual Retinal Displays
(Microvision to demonstrate Virtual Retinal Display (VRD) technology for US
Army; technology electronically generates images projected directly onto
the retina of the viewer's eye)
Newsbytes News Network, p N/A
September 12, 1996
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 323

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...s eye.

The VRD scans a low-power beam of light to "paint" rows of **pixels** directly onto the eye, **creating a high - resolution , full-motion image** without the use of screens or externally projected images, he said.

(19960912/Press Contact: Todd...

15/3,K/12 (Item 12 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1485969 Supplier Number: 01485969 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New image system takes on CCDs
(Dai Nippon says it has developed image-capturing system with more than 3
times the resolution of CCD digital still cameras)
Electronic Engineering Times, n 900, p 1+
May 06, 1996
DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 661

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Elgraphy to capture more pixels, while it costs a lot to increase the number of **pixels** on a CCD."

There are two basic ways to capture digital **images** : conventional silver-halide **photography** , which offers **high resolution** but takes time to **convert** the **image** to digital form, and digital still cameras, which capture a digital signal instantaneously but yield...

15/3,K/13 (Item 13 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1429341 Supplier Number: 01429341 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Seybold - Macromedia's FreeHand Plug-In, 4-Package Suite
(Macromedia will introduce ShockWave for FreeHand and FreeHand Graphics
Studio 2.0, two Internet graphics software packages)
Newsbytes News Network, p N/A
March 05, 1996
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 848

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...Extreme 3D, for cross-platform three-dimensional modeling and animation;
and xRes 2.0, for **creating** and editing **high - resolution images** for
use in **Web** pages, publishing and animation. Macromedia's new software
bundle also include Kai's Power Tools...

TEXT:

...for cross-platform three-dimensional (3-D) modeling and animation; and
xRes 2.0, for **creating** and editing **high resolution images** for use
in **Web** pages, publishing, and animation.

Also included in Macromedia's new software bundle is Kai's...

15/3,K/14 (Item 14 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1211767 Supplier Number: 01211767 (USE FORMAT 7 OR 9 FOR FULLTEXT)
COLORADO COMPUTER RESEARCH FIRM REFINES 'IMAGE-ON-A-CHIP' TECHNOLOGY
(Displaytech Inc developing commercial micro computer displays based on
image-on-a-chip technology)
Daily Camera , p N/A
June 06, 1995
DOCUMENT TYPE: Regional Newspaper ISSN: 0746-8733 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1464

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...in the chip's memory changes, the appearance of the liquid crystal's
65,000 **pixels** can be changed from black to white, as many as 1,000 times
per second, **creating high - resolution images** . In 4/95, Displaytech
won a \$1.7 mil matching grant from the US Commerce...

TEXT:

...in the chip's memory changes, the appearance of the liquid crystal's
65,000 **pixels** can be changed from black to white, as many as 1,000 times
per second, **creating high - resolution images** . A color filtering
process allows the **images** to be shown in their true colors.

Because the technology is still in development, the...

15/3,K/15 (Item 15 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1175829 Supplier Number: 01175829 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Searching for a name: the next wave of multimedia
(Multimedia computer consumers demand more; hardware and software makers
quickly implement the MPEG-1 standard for video compression)
Electronic Buyers News, p E20+
April 24, 1995
DOCUMENT TYPE: Journal ISSN: 0164-6362 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1991

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...fill the PC screen, developers are working on video accelerators which essentially interpolate between the **low - resolution pixels** to **create** an **image** comprised of more **pixels** . The trend is to support such interpolations in hardware, but this MPEG decompression can be...

15/3,K/16 (Item 16 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

1140107 Supplier Number: 01140107 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sony, Oracle gear up new digital newsroom system
(Sony, Oracle, to show prototype of digital newsroom workstation at
National Association of Broadcasters convention in 4/95)
Electronic Media, v 14, n 10, p 20
March 06, 1995
DOCUMENT TYPE: Journal ISSN: 0745-0311 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 446

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...server in a packaging list.

That server then communicates the edited images to the main **server** , where they are **translated** into **high - resolution images** and stored.

Neither vendor envisions that a newsroom will have to immediately switch its entire...

15/3,K/17 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02352740 115721294
Developing and supporting information entrepreneurs
Coulson-Thomas, Colin
Industrial & Commercial Training v32n6 PP: 196-200 2000
ISSN: 0019-7858 JRNL CODE: ICT
WORD COUNT: 2607

...TEXT: Innovations awards. In some cases, new markets for certain forms of intellectual capital have been **created** . Thus Photodisc offers advertising, publishing, **Web** and multimedia designers an **image** library

of over 75,000 **high resolution images** and personalised information services, while Music Now allows music tracks to be purchased and downloaded...

15/3,K/18 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01886585 05-37577

Digital content control

Dzilna, Dzintars

Folio: The Magazine for Magazine Management v28n11 PP: 57-61 Sep 1, 1999

ISSN: 0046-4333 JRNL CODE: FOL

WORD COUNT: 2079

...TEXT: For instance, Chicca is considering having his prepress service bureau-which already does all his **high - resolution** scanning-catalog his **images** in a repository that his **creatives** can access via the **Web** .

Larger companies, with more users of a final system, need to get more and varied...

15/3,K/19 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01829885 04-80876

Swap standard Windows screens for something useful

Gibbs, Mark

Network World v16n21 PP: 38 May 24, 1999

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 609

...TEXT: no good reason that Gearhead knows of).

So start with an image that is 640x480 **pixels** or 320x240 **pixels** and resample it to the target size. If you use an **image** with 16-bit or **higher resolution** color, make sure you **convert** to a 256-color palette, otherwise your new screens won't work.

Recommended reading: Windows...

15/3,K/20 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01781427 04-32418

Canvas 6

Long, Ben

Macworld v16n3 PP: 34-35 Mar 1999

ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 1238

...TEXT: are much peppier and smoother than in previous versions. In version S, editing a large **bitmapped** image was unreasonably slow, but the upgrade is adept at handling even large, **high - resolution** CMYK **images** .

Version 6 also adds new tools for **creating** three-point ellipses and arcs, along with a Knife tool for slicing objects. Several new...

15/3,K/21 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01704962 03-55952

Focus on

McClelland, Deke

Macworld v15n10 PP: 83-86+ Oct 1998

ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 2783

...TEXT: acting as the digital equivalent of film. In most cases, the resolution of the CCD **translates** directly to the **highest - resolution image** the camera can produce. Some of the **pixels** around the outside of the CCD get masked away, but otherwise, a **pixel** on the CCD **translates** to a **pixel** in the captured **image**. As a rule of thumb, a **higher - resolution** CCD captures better **pictures** and costs more money.

Technically, a camera earns the label megapixel only if the CCD...

15/3,K/22 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01411904 00062891

Illustrator 7.0 gives reason to rejoice: Parity is here

Heck, Mike

InfoWorld v19n17 PP: 96 Apr 28, 1997

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 577

...TEXT: Working with raster images is more efficient and speedier in Illustrator 7.0. First, I **created** links to **high - resolution images** stored on a CD-ROM **server**, which kept the Illustrator file size low because the image was not embedded. Second, a...

15/3,K/23 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01396115 00-47102

Digital imaging on a shoestring: A primer for librarians

Alden, Susan

Information Technology & Libraries v15n4 PP: 247-250 Dec 1996

ISSN: 0730-9295 JRNL CODE: JLA

WORD COUNT: 2180

...TEXT: converts the catalog records to hypertext markup language (HTML) format and embeds links to associated **image** files. **Image** files are **converted** to **low resolution** (72 ppi) and GIF (Graphic **Image** File) format for **Web** display using Adobe Photoshop software. Adobe Photoshop is also used for image enhancement.

File format...

15/3,K/24 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01351633 00-02620

Managing a digital image system

Levy, Trudy

Informationweek n607 PP: 47-54 Nov 25, 1996

ISSN: 8750-6874 JRNL CODE: IWK

WORD COUNT: 2162

...TEXT: equipment and software, but whose configurations affect the technology requirements of the others. For example, **images** for prepress work should be **created** in **high resolution**, but **low - resolution images** are required for the **Web**.

Image Archive

Creating an image archive is a two-step process. First, digitize or scan the image; then...

15/3,K/25 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01229748 98-79143

New media expressions

Jeffrey, Noel

American Printer v217n2 PP: 28-31 May 1996

ISSN: 0744-6616 JRNL CODE: APR

WORD COUNT: 2572

...TEXT: of the movies, biographies of the actors, downloadable scripts, black-and-white ad slicks and **high - resolution color images** for promotions.

For customers looking to **create** a **Web** presence, American offers digitsite.com, a scalable turnkey solution allowing a company to start small...

15/3,K/26 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01194524 98-43919

High-end illustration software: Drawing from experience

Heck, Mike

InfoWorld v18n16 PP: 88-106 Apr 15, 1996

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 1683

...TEXT: programs, such as Adobe Photoshop, that manipulate each of the tens of thousands of individual **pixels** that make up photographic images.

By reducing illustrations to mathematical codes, vector-based programs **create** graphics that can be reproduced at extremely **high resolutions**

on **image** setters, film recorders, and printers that interpret the PostScript language. Additionally, PostScript illustrations can be...

15/3,K/27 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01188739 98-38134
Manipulating grey scale into line art
Roth, Steve
Macworld v13n5 PP: 133 May 1996
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 503

...TEXT: you're using.

1

RESOLUTION ENHANCEMENT Usually, adding pixels to a scan based on the **pixels** that are already there is useless. This technique is the primary exception; it **converts** information in the gray-scale scan into **higher - resolution** line art. Scan an **image** at your scanner's **highest** optical **resolution** (say, 300 ppi). In Photoshop's **Image** Size dialog box, upsample it to twice the resolution (600 ppi). Turn off Constrain File...

15/3,K/28 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01158345 98-07740
Illuminating interiors
Valenti, Michael
Mechanical Engineering v118n2 PP: 40 Feb 1996
ISSN: 0025-6501 JRNL CODE: MEG
WORD COUNT: 267

...TEXT: halide arc lamp provides an intense white light evenly distributed across the inspection area. The **image** is then captured on a **high - resolution** (493 by 768 **pixel**) Sony charge-coupled-device imager, **creating** a clear image.

A universal camera mount makes the Compact Imaging and Illumination System compatible...

15/3,K/29 (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01055111 97-04505
European systems paginate U.S. newspapers
Rosenberg, Jim
Editor & Publisher v128n25 PP: 18-19+ Jun 24, 1995
ISSN: 0013-094X JRNL CODE: EDP
WORD COUNT: 7278

...TEXT: local scans and wirephotos processed in photoshop, saved in TIFF, EPS or another standard format. **High - resolution** versions of **image**

files are held in an OPI server ; low - resolution versions are passed to page-layout workstations after conversion to a system-compatible format for display.

Some Euromax sites use OPI software from Hyphen...

15/3,K/30 (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00957010 96-06403
Innovative image editors
McClelland, Deke
Macworld v12n2 PP: 112-119 Feb 1995
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 3960

...TEXT: accurately gauge changes made to large images. Imagician intelligently loads the most representative 4 million pixels from your image into the onboard RAM to create a high - resolution proxy. Live Picture 's proxy system is based on its proprietary Ivue format. When you convert a TIFF...

15/3,K/31 (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00909231 95-58623
Welcome to show-in-print
Favat, John S
American Printer v213n6 PP: 88-149 Sep 1994
ISSN: 0744-6616 JRNL CODE: APR
WORD COUNT: 20814

...TEXT: network.

Chameleon's optional OPI server module minimizes network traffic required for transmission of large image files. The server creates a low resolution placement file from the high resolution image . When the file is RIPed, the hi-res image will automatically replace the low-res...

15/3,K/32 (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00800447 94-49839
What goes around
Anonymous
American Printer v212n3 PP: 49-51 Dec 1993
ISSN: 0744-6616 JRNL CODE: APR
WORD COUNT: 1292

...TEXT: white/line art scans.

With its electronic prepress system, the printer can scan and import high - resolution images directly to the Macintosh desktop environment without intermediary conversion . Prior to film setting, a networked

Aldus Trapwise workstation automatically calculates chokes and spreads.

To ensure that clients obtain the best...

15/3,K/33 (Item 17 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00709533 93-58754

Peter Martin on the Dialog/Data-Star merger

Ojala, Marydee

Information Today v10n5 PP: 50-51 May 1993

ISSN: 8755-6286 JRNL CODE: IFT

WORD COUNT: 1063

...TEXT: will use the PC as a PC not as a dumb terminal. ISDN, high speed **networks**, transmission of graphics, **images**, **high resolution** monitors, all these innovations point toward personal database **creation**. I expect more natural language search interfaces, ones

15/3,K/34 (Item 18 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00549245 91-23602

Imaging the Future

Kekewich, Roy

Canadian Banker v98n3 PP: 6-10 May/Jun 1991

ISSN: 0822-6830 JRNL CODE: CBI

...ABSTRACT: image displayed on a computer screen. Software development, along with the scanners, optical storage disks, **networks**, and **high - resolution** monitors needed to **create** an **image** system, has reached the peak of performance and is approaching the low end of the...

15/3,K/35 (Item 19 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00468552 89-40339

Imaging Brightens Color Hardcopy

Williams, Randy

Computer Technology Review v9n11 PP: 34, 36 Sep 1989

ISSN: 0278-9647 JRNL CODE: CTN

...ABSTRACT: provide photographic quality imaging. The continuous-tone color process can produce thousands of colors by **changing** the density or hue of an individual **pixel**. More realistic, **high resolution**, 3-dimensional color **images** are produced. Currently, there are 4 continuous-tone color technologies that are either under development...

15/3,K/36 (Item 20 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00205394 83-16955

The Paperless Office? It's Still Wishful Thinking

McAfee, John

Modern Office Procedures v28n6 PP: 114N-114P Jun 1983

ISSN: 0026-8208 JRNL CODE: MOP

...ABSTRACT: to reduce each piece of paper or film to a series of microscopic dots, or **pixels**. These are **converted** into digital electronic signals to be reconstructed as **images** on **high - resolution** video terminals and printers. However, a holistic, full systems approach to paper proliferation is needed...

15/3,K/37 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

07995439 Supplier Number: 63502621 (USE FORMAT 7 FOR FULLTEXT)

High-Res Digital Cameras. (Hardware Review) (Evaluation)

MORGENSTERN, STEVE

Home Office Computing, v17, n6, p83

June, 1999

Language: English Record Type: Fulltext Abstract

Article Type: Evaluation

Document Type: Magazine/Journal; Trade

Word Count: 4017

... image editing software (especially cropping out extraneous elements). With a megapixel model, you can always **convert** an **image** to a **lower resolution** for **Web** work or shoot at a lower-res setting; this gives you the advantage of being...

15/3,K/38 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

07995398 Supplier Number: 63502575 (USE FORMAT 7 FOR FULLTEXT)

Digital Camera Match Game. (Buyers Guide)

Morgenstern, Steve

Home Office Computing, v17, n5, p92

May, 1999

Language: English Record Type: Fulltext Abstract

Article Type: Buyers Guide

Document Type: Magazine/Journal; Trade

Word Count: 1401

ABSTRACT:

...which one to buy. Among the things they can be used for is to help **create** promotional material where you would need **high resolution**, posting **online photos** which is good for keeping **Web** sites fresh and macro capability would be the feature to look for. ...

15/3,K/39 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

07062554 Supplier Number: 59175817 (USE FORMAT 7 FOR FULLTEXT)

Publisher 2000 for the Printing Industry: A P2K Survival Guide. (Product Information)

Parsons, John
The Seybold Report on Publishing Systems, pNA
Dec 20, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 5294

... shudders through the design community, the results can be surprisingly good.

The Wizard approach can **create** difficulties. For example, the photographic **images** placed by the Design Wizard are generally **low - resolution**, indexed color **bitmaps** (BMP format) that should be replaced for high-end use. However, most of the one...

15/3,K/40 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07003214 Supplier Number: 59211437 (USE FORMAT 7 FOR FULLTEXT)
MGI Software Previews New Internet Imaging Technology at Demo 2000.
PR Newswire, p3935
Feb 7, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 867

... because MGI PhotoSpace is resolution-independent image composition, it offers a scalable solution that prints **images** and **creations** at the **highest** possible **resolution**, while offering **lower resolutions** for **Web** page display. This means that even users with slow connection speeds will experience "real time..."

15/3,K/41 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06958999 Supplier Number: 58790204 (USE FORMAT 7 FOR FULLTEXT)
MGI Software Partners with Virtual360 to Target Real Estate and Tourism Markets for Virtual Tours.
PR Newswire, p6671
Jan 21, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 713

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...tourism visualization on Web sites. Virtual360 will utilize MGI's patented Zoom technology and immersive **Web** imaging tools to **create** unique, next generation, virtual tours assembled using navigable **high resolution images**, 360-degree panoramas, and 3D **photo** objects. Users can Zoom into **high - resolution photos** and instantly examine detail using low bandwidth connections to PCs, TVs, and Internet appliances. Virtual360...

15/3,K/42 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

06905852 Supplier Number: 58443842
Zen and the art of digital file transfer.
Kirby, Gretchen A.
Publishing & Production Executive, p39(2)
Nov, 1999
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...version is produced locally by publishing firm San'ei Shobo, which employs a digital file **network** that receives and **converts** text files and **low - resolution images** sent by Haymarket for the local production of the racing magazine. The digital network was...

15/3,K/43 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06868555 Supplier Number: 58226029 (USE FORMAT 7 FOR FULLTEXT)
Discover the 'Next Monet' at Zing.Com.
PR Newswire, p1445
Dec 14, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 684

... community or kept private for family and friends. ZingAlbums include slide shows, guestbooks, discussion boards, **online image** editing and **high - resolution** printing. Many people use ZingAlbums to store **pictures** for **online** auctions. You can also **create** ZingCard(TM) personalized photo-greeting cards -- using your own pictures or selections from the community...

15/3,K/44 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06799024 Supplier Number: 57508743 (USE FORMAT 7 FOR FULLTEXT)
MP3.com Joins Forces with Zing.com.
PR Newswire, p2532
Nov 11, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 838

... community or kept private for family and friends. ZingAlbums include slide shows, guestbooks, discussion boards, **online image** editing and **high - resolution** printing. Many people use ZingAlbums to store **pictures** for **online** auctions. You can also **create** ZingCard(TM) personalized photo-greeting cards -- using your own pictures or selections from the community...

15/3,K/45 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06755859 Supplier Number: 56902626 (USE FORMAT 7 FOR FULLTEXT)
**Zing.com Partners with Mslide to Offer Consumers Free 'Motion Picture'
Slide Shows Set to Music.**

Business Wire, pl081

Oct 26, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 421

... community or kept private for family and friends. ZingAlbums include slide shows, guestbooks, discussion boards, **online image** editing and **high - resolution** printing. You can also **create** ZingCard(tm) personalized pof high quality, personalized gifts including Hanes T-shirts, mugs, holiday ornaments...

15/3,K/46 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06719850 Supplier Number: 56248222 (USE FORMAT 7 FOR FULLTEXT)
Appian Ships the Industry's Most Powerful AGP Dual Monitor Graphics Card.

Business Wire, pl115

Oct 13, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 620

... chips from 3Dlabs, the Jeronimo 2000 performs optimally with reduced rendering time. It delivers realistic **images** and scenes with **high - resolution** display and color space **conversion** , as well as a 125 million multi-texture **pixels** per second fill rate. Using two standard DB-15 connectors, the Jeronimo 2000 supports both...

15/3,K/47 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06682378 Supplier Number: 55918466 (USE FORMAT 7 FOR FULLTEXT)
MGI Software Donates Technology to Support AIDS Fundraising Campaign.

Business Wire, p0050

Sept 30, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 573

... Memorial Quilt web-site raise awareness and funds for such an important cause."

MGI Zoom **Server** technology **changes** the way images work on the **Internet** . Zoom **Server** **images** are **high - resolution** photos that appear as quickly as low-resolution photos. Zoom Server images allow visitors to...

15/3,K/48 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06638426 Supplier Number: 55760357 (USE FORMAT 7 FOR FULLTEXT)
Today's Most Popular Romantic Styles Available at Furniture.com.
PR Newswire, p6819
Sept 16, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 687

... Poster Bed, which offers the old fashioned styling of the canopy that is legendary for **creating** a romantic hideaway for those inside.
(Download **high - resolution image** from [http:// www .furniture.com/ images](http://www.furniture.com/images) /press...

15/3,K/49 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06593644 Supplier Number: 55573290 (USE FORMAT 7 FOR FULLTEXT)
Canon Introduces Powershot S10, World's Smallest and Lightest 2.1 Megapixel Digital Camera With A Zoom Lens.
PR Newswire, p7212
August 27, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1157

... The new camera also features a 1/2-inch, 2.1 megapixel CCD sensor that **creates** full color (and black-and-white) **high resolution images** up to 1600x1200 **pixels** when set to its Large mode. The camera also offers two additional resolution settings of...

15/3,K/50 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06510689 Supplier Number: 55246468 (USE FORMAT 7 FOR FULLTEXT)
Axion's Technology to Serve Terabytes of Geo-Imagery in Texas through Internet Portal.
Business Wire, p0076
July 26, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 491

... sold.
Larry Herd, Boyd GeoMatic's CEO, says, "Axion's ADM technology allows us to **create** and store a seamless library of **high resolution aerial photography** on our **web server** and provide instantaneous access demanded by our users." Under terms of the ENCOMPASS licensing agreement...

15/3,K/51 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06496614 Supplier Number: 55192931 (USE FORMAT 7 FOR FULLTEXT)
Microvision's non-invasive approach may aid disease screening -- Medical researchers eye apps for retinal displays.(virtual-retinal-display

workstation) (Company Business and Marketing)

Lieberman, David
Electronic Engineering Times, p53
July 19, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1220

... the Army's Aircrew Integrated Helmet System program that projects a green monochrome 1,355- **pixel** x 960-line image onto each eye, with some **pixel** overlap, **creating** a 1,716- **pixel** x 960-line **image** overall. The **high resolution** of the display and its wide 52 degrees x 30 degrees field of view "will...

15/3,K/52 (Item 16 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06433614 Supplier Number: 54972306 (USE FORMAT 7 FOR FULLTEXT)

Interactive Pictures and Nikon Revolutionize Photography.

Business Wire, p0258
June 23, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 917

... camera kits featuring the new Coolpix 950 and 700, users of all levels, from professional **photographer** to **photo** hobbyists can **create** the **highest resolution** immersive **images** on the **Web** today in seconds."

IPIX Camera Kits Are A Complete Package
From the IPIX Starter Kit...

15/3,K/53 (Item 17 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06425975 Supplier Number: 54946526 (USE FORMAT 7 FOR FULLTEXT)

Appian Gears Up for the New Millennium Launching the Jeronimo 2000 Dual Monitor Card.

Business Wire, p1417
June 21, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 669

... R), the Jeronimo 2000 performs optimally with reduced rendering time. The Jeronimo 2000 delivers realistic **images** and scenes with its **high - resolution** display, DVD motion compensation and color space **conversion** , as well as 125 million multi-texture **pixels** per second fill rate. Using two standard DB-15 connectors, the Jeronimo 2000 connects to...

15/3,K/54 (Item 18 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06402330 Supplier Number: 54847443 (USE FORMAT 7 FOR FULLTEXT)

Sony Introduces New Personal 8.8-Pound LCD Projector Offering 1,000 ANSI Lumens OF XGA Output.

Business Wire, p1130

June 10, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 480

... button on either the projector or the remote, the projector will optimally align the image **pixels** with the panel, without requiring complicated adjustments. Further, Advanced Scan **Conversion** (ASC) technology, using bilinear interpolation, provides excellent **image** quality for both **lower** and **higher resolution** signals scan **converted** to XGA resolution for display.

Acceptable signal formats for the VPL-PX1 are composite video...

15/3,K/55 (Item 19 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06336281 Supplier Number: 54621282 (USE FORMAT 7 FOR FULLTEXT)

Microvision Reports Increased Revenue in First Quarter; Company Expands Collaborative Partnerships in Aerospace and Defense Industries.

PR Newswire, p9098

May 13, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1402

... viewer's eye. By scanning a low power beam of light to "paint" rows of **pixels** onto the eye, the VRD **creates** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/56 (Item 20 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06242992 Supplier Number: 54436974 (USE FORMAT 7 FOR FULLTEXT)

Revolutionary protocol speeds electronic image delivery.

HAYES, JOHN C.

Telehealth Magazine, v5, n1, p15(1)

Feb, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 621

... files, and networks to move the files to those who need them. Everyone else gets **lower resolution images** and **low** -power viewing stations.

This presents a number of problems, however, **Chang** said. First, the workstations and **networks** to handle these large data files are tremendously expensive; second, many nonradiologists, particularly surgeons, are...

15/3,K/57 (Item 21 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

06223994 Supplier Number: 54231445 (USE FORMAT 7 FOR FULLTEXT)
**Canon Expands Line of Consumer Digital cameras with Megapixel Powershot A50
- World's Smallest, Lightest Zoom Lens Model Features 1.31 Million Pixels**
-

PR Newswire, p9808

March 29, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 690

... compensation.

The PowerShot A50 incorporates a newly developed 1/2.7-inch, 1.31 million **pixel** CCD sensor that **creates** full-color, **high - resolution images** up to 1280 x 960 **pixels** .

The camera also offers an optional 640 x 480 resolution setting that is ideal for...

15/3,K/58 (Item 22 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06152943 Supplier Number: 53947435 (USE FORMAT 7 FOR FULLTEXT)
**Big Screen, Small Footprint.(Compaq TFT8000 liquid crystal display
screen)(Hardware Review)(Evaluation)**

Poor, Alfred

PC Magazine, p60(1)

March 23, 1999

Language: English Record Type: Fulltext

Article Type: Evaluation

Document Type: Magazine/Journal; General Trade

Word Count: 502

... resolution uses a 5:4 ratio; as a result, objects look slightly stretched vertically at **lower resolutions** .

We tested the display using **images created** by DisplayMate from Sonera Technologies ([www .displaymate.com](http://www.displaymate.com)), and with a few exceptions, the quality was excellent. The on-screen display...

15/3,K/59 (Item 23 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06138333 Supplier Number: 53898632 (USE FORMAT 7 FOR FULLTEXT)
**Canon to Ship Award-Winning Pro70 Digital Still and New PowerShot A5 Zoom
Cameras.**

PR Newswire, p6925

Feb 17, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1008

... digital cameras.

PowerShot A5 Zoom

The A5 Zoom incorporates a 1/3-inch, 810,000 **pixel** CCD sensor that **creates** full-color, **high - resolution images** up to 1,024 x 768 **pixels** . The camera also offers an optional 512 x 384 resolution setting that's

ideal for...

15/3,K/60 (Item 24 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06136516 Supplier Number: 53891960 (USE FORMAT 7 FOR FULLTEXT)
Primary Color Selects ATL Products' P3000 Library for Digital Asset Management; P3000's Massive Capacity and Performance Provide Ad Agencies and Customers with Near-Line Access to Creative Materials.
Business Wire, pl226
Feb 17, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 800

... with their Primary Asset Library (PAL) service, which allows their clients to preview and retrieve **low - or high - resolution images**, PDF files and other **creative** content via the **Web** from near-line databases maintained by Primary Color.

Primary Color also leverages their P3000 libraries...

15/3,K/61 (Item 25 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06116973 Supplier Number: 53721913 (USE FORMAT 7 FOR FULLTEXT)
Feith Introduces DjVuer; Utilizes AT&T Technology to Produce Higher-Quality, Smaller Sized Web Images.
PR Newswire, p0131
Feb 8, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 864

... today, graphic artists and content developers can use AT&T Labs' DjVu(TM) technology to **create higher apparent resolution color images** on the World Wide **Web**, up to 5-10 times smaller than any Web compression technology presently available.

Feith Systems...

15/3,K/62 (Item 26 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06078253 Supplier Number: 53576922 (USE FORMAT 7 FOR FULLTEXT)
OpenPix tackles high res: Hewlett-Packard's OpenPix suite displays, stores, delivers images. (Product Announcement)
Pearlstein, Joanna
eMediaweekly, pl6(1)
Jan 4, 1999
Language: English Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; General Trade
Word Count: 477

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Hewlett-Packard in December rolled out a collection of products for **creating** , delivering and viewing **high - resolution images** on the **Web**

15/3,K/63 (Item 27 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

06011592 Supplier Number: 53414765 (USE FORMAT 7 FOR FULLTEXT)

Web Authoring For Video Developers 12/11/98.

Newsbytes PM, pNA

Dec 11, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 514

The MPEG-4 tools are scalable and can be used in **high - resolution** to **create** motion **pictures** and HDTV (high definition television) **images** or at **lower resolutions** to put **images** on the **Internet** , a company official told Newsbytes. They are compliant with the new draft standard of MPEG...

15/3,K/64 (Item 28 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05995470 Supplier Number: 53371044 (USE FORMAT 7 FOR FULLTEXT)

Asset management packages come in all shapes and sizes.(Technology Information)

Adams, Eric J.

eMediaweekly, p28(1)

Dec 7, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 300

... And there are plenty, starting with media catalogs, the cheapest and easiest way to organize **images** .

"Media catalogs **create low - resolution** , proxy thumbnail **images** of **online** media files and store them in a specialized database that indexes and catalogs images for...

15/3,K/65 (Item 29 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05988292 Supplier Number: 53351479 (USE FORMAT 7 FOR FULLTEXT)

Hyper museum.

Maher, Kathleen

Interactivity, p40(1)

Dec, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2771

... Smithsonian models look very good. It's not until you zoom in very

tightly that **pixels** begin to show. On the other hand, Synthonics **created high - resolution images** for the museum's researchers.

RVR software can output models in several formats including VRX...

15/3,K/66 (Item 30 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05867437 Supplier Number: 53022230 (USE FORMAT 7 FOR FULLTEXT)

FOCUS Enhancements Is Allowed Patent On Technology Used In Its PC-to-TV FS300 Digital Video Co-Processor.

Business Wire, p1212

Sept 23, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 603

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...image, such as those displayed on a computer monitor, as a simple weighted average of **pixel** data values during **conversion** into a **low resolution image**. Among its various applications, the technology can also be used to convert HDTV signals to...

15/3,K/67 (Item 31 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05812764 Supplier Number: 50318421 (USE FORMAT 7 FOR FULLTEXT)

Xinet revs WebNative

eMediaweekly, v12, n32, p14

Sept 7, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; General Trade

Word Count: 78

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...show, Version 1.03 lets FullPress users distribute FPO (for position only) images via the **Web** by **converting** standard prepress **image** formats to **low - resolution** JPEG or GIF formats. Version 1.03 will add integration with Software Generation's FlashNet...

15/3,K/68 (Item 32 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05788058 Supplier Number: 50277795 (USE FORMAT 7 FOR FULLTEXT)

Wright Design 2.0

Grotta, Daniel; Wiener Grotta, Sally

PC Magazine, v17, n16, p181

Oct, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; General Trade

Word Count: 745

... the program, you'll be rewarded with Wright Design's powerful features.

An on-demand **pixel** editor, Wright Design offers real-time editing even in **high - resolution images** . Although **photos** and other **bitmap images** must be **converted** to Wright's proprietary DCM file format, batch conversions are quick. The layout, vector objects...

15/3,K/69 (Item 33 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05715581 Supplier Number: 50178720 (USE FORMAT 7 FOR FULLTEXT)
Plug and Play the USB Way: Creative Introduces New Desktop Digital Color Video Camera for \$79 After Rebate
PR Newswire, p720HSM025
July 20, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 894

... This fun, feature-rich and easy-to-use desktop digital color video camera has everything **Internet** users need to capture, **create** and communicate with live full-color video and **high - resolution still images** on the **Internet** -- all for the extraordinarily low price of US\$79.99, after US\$20 mail-in...

15/3,K/70 (Item 34 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05712403 Supplier Number: 50173411 (USE FORMAT 7 FOR FULLTEXT)
Interactive Design Agencies See Booming Future for Live Picture Image Servers
PR Newswire, p716LATH039
July 16, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 1896

... and zoom, consumers will be able to interact with products, rather than stare at static, **low - resolution images** . Live **Picture** 's new imaging tools provides dynamic solutions for the rapidly **changing** face of the **Internet** ."

Harold Lee, Director of Interactive Media
InterDimensions Corporation

"The Live Picture Image Server presents a...

15/3,K/71 (Item 35 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05684832 Supplier Number: 53138258 (USE FORMAT 7 FOR FULLTEXT)

**Microvision Developing High Definition Display For Helicopter Flight
Simulators.**

Federal Computer Market Report, p7(1)
March 9, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 171

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...s eye. The VRD scans a low power beam of light to paint rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind.

15/3,K/72 (Item 36 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05612508 Supplier Number: 48491642 (USE FORMAT 7 FOR FULLTEXT)
**Microvision, Saab AB, and Ericsson-Saab Avionics to Partner on SBIR Phase
II 'Fast-Track'**

PR Newswire, p519CGTU013
May 19, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 835

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** on to the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/73 (Item 37 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05582688 Supplier Number: 48451653 (USE FORMAT 7 FOR FULLTEXT)
Microvision's VRD Technology is Finalist for 1998 DISCOVER Award

PR Newswire, p0428CGTU031
April 28, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 569

... viewer's eye. By scanning a low power beam of light to "paint" rows of **pixels** on to the eye, the VRD **creates a high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/74 (Item 38 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05565446 Supplier Number: 48429976 (USE FORMAT 7 FOR FULLTEXT)
Microvision Adds Valuable Patents to Intellectual Property Portfolio

PR Newswire, p417CGF010
April 17, 1998

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 618

... viewer's eye. By scanning a low power beam of light to "paint" rows of **pixels** on to the eye, the VRD **creates** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/75 (Item 39 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05560532 Supplier Number: 48423705 (USE FORMAT 7 FOR FULLTEXT)
Microvision Delivers Advanced Helmet Worn Display for Fighter Aircraft
PR Newswire, p0414CGTU022
April 14, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 655

... viewer's eye. By scanning a low power beam of light to "paint" rows of **pixels** onto the eye, the VRD **creates** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/76 (Item 40 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05529970 Supplier Number: 48380744 (USE FORMAT 7 FOR FULLTEXT)
Microvision Announces Results For The Year Ended December 31, 1997
PR Newswire, p0326CGTH040
March 26, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1192

... viewer's eye. By scanning a low power beam of light to "paint" rows of **pixels** onto the eye, the VRD **creates** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/77 (Item 41 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05524695 Supplier Number: 48373416 (USE FORMAT 7 FOR FULLTEXT)
New Digital Cameras: Canon Announces New Digital Cameras Which Set Higher Standards for PC Photography
EDGE: Work-Group Computing Report, pN/A
March 23, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2574

... 1 oz. size (excluding batteries).

The PowerShot A5 offers a 1/3-inch, 810,000 **pixel** CCD sensor that **creates** full-color, **high - resolution images** up to 1024x768 **pixels** captured at 10 bits per channel to produce the best 24-bit color image. The ...

15/3,K/78 (Item 42 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05512354 Supplier Number: 48351790 (USE FORMAT 7 FOR FULLTEXT)
Sony Introduces 12.8-Pound SVGA LCD Projector Offering 650 ANSI Lumens of True SVGA Output.

Business Wire, p3120089
March 12, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 654

... the remote, and the projector will optimize itself for that signal by aligning the image **pixels** with the panel. No complicated adjustments are required. Advanced Scan **Conversion** (ASC) technology utilizing bilinear interpolation is employed to provide excellent **image** quality for **lower resolution** signals scan **converted** to SVGA resolution for display. XGA and SXGA signals are also accepted and displayed through...

15/3,K/79 (Item 43 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05508137 Supplier Number: 48346353 (USE FORMAT 7 FOR FULLTEXT)
Exclusive 3D Graphics Offer for Microsoft FrontPage 98 Users

PR Newswire, p0309LAM047
March 9, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 718

... 3D Suite supports the widest range of output types for a product in its class. **Web** page designers can **create** Java Effects, VRML, AVI, animated GIF, GIF, JPG and **bitmapped images** with optimized, **high - resolution photo** -realistic rendering.

3Space GIF Animator allows drag-and-drop editing of animated GIF files, and...

15/3,K/80 (Item 44 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05495399 Supplier Number: 48327959 (USE FORMAT 7 FOR FULLTEXT)
Canopus Ships AGP Version of Total3D 128V: The 5-in-1 Graphics and Video Solution.

Business Wire, p3021101
March 2, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 615

... and support of
resolutions up to 1500x1125 make it easy to add photos to
presentations, **web** pages, and digital **photo** albums.

5. High quality scan **converter** : **High resolution**
TV output, including
simultaneous TV/monitor display, underscan mode, support for
800x600 and 640x480 desktop...

15/3,K/81 (Item 45 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05412836 Supplier Number: 48212109 (USE FORMAT 7 FOR FULLTEXT)
Microvision Announces Second Department of Defense Contract for 1998
PR Newswire, p0106SFTU034
Jan 6, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 721

... s eye. The VRD scans a low power beam of light to paint rows of
pixels on to the eye, **creating a high resolution**, full-motion **image**
without the use of electronic screens of any kind. The company's objective
is to...

15/3,K/82 (Item 46 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05411546 Supplier Number: 48210600 (USE FORMAT 7 FOR FULLTEXT)
Microvision Awarded Multi-Million Dollar Department of Defense Contract To
Build Display System for Aircrew Integrated Common Helmet
PR Newswire, p0105SFM066
Jan 5, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 672

... s eye. The VRD scans a low power beam of light to "paint"
rows of **pixels** on to the eye, **creating a high resolution**,
full-motion **image** without the use of electronic screens of any kind.
The company's objective is to...

15/3,K/83 (Item 47 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05378842 Supplier Number: 48179090 (USE FORMAT 7 FOR FULLTEXT)
Live Picture's tools suite links, embeds multimedia packages
Walsh, Jeff
InfoWorld, p60
Dec 15, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 282

... Picture PhotoVista, for stitching photos into a 360-degree panorama; Live Picture Object Modeler, to **create** 3-D objects; Live **Picture Image Server**, which delivers **high - resolution** FlashPix **images** and objects; Live **Picture** Viewer, fast-downloading Java or plug-in clients for viewing Reality Studio content; FlashPix Photoshop...

15/3,K/84 (Item 48 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05321328 Supplier Number: 48100136 (USE FORMAT 7 FOR FULLTEXT)
Image preprocessor reconfigures itself
Larson, Noble
Electronic Engineering Times, p114
Nov 3, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1575

... in square 8 x 8-pixel regions by summing the scores of the 64 individual **pixels**.
This second set of scores then can be used to re- **create** a **lower - resolution** pseudo-gray scale **image** based on the region scores. The low score of 0 is white and the high...

15/3,K/85 (Item 49 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05267466 Supplier Number: 48026077 (USE FORMAT 7 FOR FULLTEXT)
Marketing Deal Signed For High-Res Digital Camera 10/02/97
Butler, Grant
Newsbytes, pN/A
Oct 2, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 371

... generate a video output signal with 1,080 visible lines per frame and 1,920 **pixels** per line. It will generate this **high - resolution** signal without the poor motion rendition and **picture** degradation that would normally result from simply **converting** a scan to higher frame and line rates, officials claimed.
The system uses two charge...

15/3,K/86 (Item 50 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05251246 Supplier Number: 48003397 (USE FORMAT 7 FOR FULLTEXT)
Roland Digital (Japan) Selects YARC as Preferred Vendor
PR Newswire, p0924LAW059
Sept 24, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 488

... it into a full-featured PostScript print server. Raster image processors themselves are devices that **convert** PostScript graphics and text into **high - resolution bitmapped images** that can be output on film, paper or other tangible media.
Founded in 1988, YARC...

15/3,K/87 (Item 51 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05090642 Supplier Number: 47473422 (USE FORMAT 7 FOR FULLTEXT)
At PC Expo: Philips Offers Unique SVGA to SXGA-Compatible LCD Projectors
PR Newswire, p0618CLW007
June 18, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2202

... input source resolution (VGA, SVGA, XGA, and SXGA standards, MAC, video and S-video), and **converts** the signal through full-screen **bitmapping** to provide **high - resolution image** output. The resulting **picture** is superior to the widely diffused compression techniques that incurs loss of information and quality...

15/3,K/88 (Item 52 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05087418 Supplier Number: 47468097 (USE FORMAT 7 FOR FULLTEXT)
FlashPix Tailors Images to the Task; Innovative technology speeds viewing, downloading of photos on Web
Bethoney, Herb
PC Week, p048
June 16, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 494

... all developers.
A FlashPix image consists of the original resolution at which the image was **created** --the highest--and a FlashPix-capable application then **creates lower resolutions** as necessary, reducing the original **image** by cutting the number of **pixels** in half.
For example, the FlashPix viewer used in a Web browser will automatically represent...

15/3,K/89 (Item 53 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05058134 Supplier Number: 47424478 (USE FORMAT 7 FOR FULLTEXT)
Seattle-based
Interavia Business & Technology, p12

June, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 95

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...s eye. The VRD scans a lower power beam of light to 'paint' rows of **pixels** on to the eye, **creating a high - resolution , full-motion image** without the need for electronic screens of any kind. VRD is seen by Ericsson Saab...

15/3,K/90 (Item 54 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05043543 Supplier Number: 47403645 (USE FORMAT 7 FOR FULLTEXT)
Microvision, Saab and Ericsson Saab Avionics announce commercial development agreement; Virtual Retinal Display technology to be used in helmet-mounted displays.

Business Wire, p05220052

May 22, 1997

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 880

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution , full-motion image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/91 (Item 55 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05030955 Supplier Number: 47386090 (USE FORMAT 7 FOR FULLTEXT)
Microvision announces results for first quarter ended March 31, 1997.

Business Wire, p05151045

May 15, 1997

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 777

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution , full-motion image** without the use of electronic screens of any kind.
The company's objective is to...

15/3,K/92 (Item 56 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05002922 Supplier Number: 47346479 (USE FORMAT 7 FOR FULLTEXT)
Microvision Awarded Second Air Force Contract; Company to Develop Wide Field of View Displays for Command and Control Applications.

Business Wire, p5010004

May 1, 1997

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 522

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/93 (Item 57 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04969986 Supplier Number: 47301912 (USE FORMAT 7 FOR FULLTEXT)
Microvision awarded Department of Defense contract; Company to develop high definition head-mounted display for pilot training applications.
Business Wire, p04161042
April 16, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 462

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** directly onto the eye, **creating a high resolution**, full-motion **image** without the use of screens or externally projected images. The company's objective is to...

15/3,K/94 (Item 58 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04932378 Supplier Number: 47249361 (USE FORMAT 7 FOR FULLTEXT)
Microvision Announces Results for Year Ended December 31, 1996 and Recent Staff Additions.
Business Wire, p03310272
March 31, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1046

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** directly onto the eye, **creating a high resolution**, full-motion **image** without the use of screens or externally projected images. The company's objective is to...

15/3,K/95 (Item 59 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04909309 Supplier Number: 47218071 (USE FORMAT 7 FOR FULLTEXT)
Internet Imaging: HP Advances Internet Imaging with New Open Architecture and Partner Alliances; "Imaging for Internet" to Revolutionize the Concept of Imaging for Businesses and Consumers
EDGE: Work-Group Computing Report, pN/A
March 17, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade

Word Count: 769

... the RealSpace Image Server, a premier client/server solution for distributing, sharing, viewing and printing **high - resolution** digital **images** across the **Internet** . With RealSpace, **Web** designers can **create** an enhanced, interactive visual experience on their Web sites.

"The Imaging for Internet architecture is...

15/3,K/96 (Item 60 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04897910 Supplier Number: 47202766 (USE FORMAT 7 FOR FULLTEXT)

HP Advances Internet Imaging with New Open Architecture and Partner Alliances; "Imaging for Internet" to Revolutionize the Concept of Imaging for Businesses and Consumers.

Business Wire, p03120251

March 12, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1392

... the RealSpace Image Server, a premier client/server solution for distributing, sharing, viewing and printing **high - resolution** digital **images** across the **Internet** . With RealSpace, **Web** designers can **create** an enhanced, interactive visual experience on their Web sites.

"The Imaging for Internet architecture is...

15/3,K/97 (Item 61 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04699328 Supplier Number: 46917323 (USE FORMAT 7 FOR FULLTEXT)

Managing A Digital Image System: Choose the ideal system to archive and access your valuable images

InformationWeek, p47

Nov 25, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 2184

... equipment and software, but whose configurations affect the technology requirements of the others. For example, **images** for prepress work should be **created** in **high resolution** , but **low - resolution images** are required for the **Web** .

Image Archive

Creating an image archive is a two-step process. First, digitize or scan the image; then...

15/3,K/98 (Item 62 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04680776 Supplier Number: 46889583 (USE FORMAT 7 FOR FULLTEXT)

Microvision Announces Results for third quarter ended september 30, 1996.

Business Wire, p11141072

Nov 14, 1996

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 978

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** directly onto the eye, **creating a high resolution**, full-motion **image** without the use of screens or externally projected images. The company's objective is to...

15/3,K/99 (Item 63 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04678313 Supplier Number: 46885749 (USE FORMAT 7 FOR FULLTEXT)
UK - Netcom Links With Supernet On Hi-Res Internet Technology 11/12/96
Newsbytes, pN/A
Nov 12, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 275

... Web site, the text from the Web site is combined with the Supernet graphics to **create a "highly graphical and high resolution " Web image**, but without the lengthy download times normally needed across the Internet for such images.
Netcom...

15/3,K/100 (Item 64 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04627705 Supplier Number: 46807606 (USE FORMAT 7 FOR FULLTEXT)
Sony Announces Photo-Editing Software Bundle and Free Wireless PC Transceiver For New DSC-F1 Digital Still Camera.
Business Wire, p10170046
Oct 17, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 737

... Digital Still Camera offers an unbeatable combination of features designed to enhance the productivity and **creativity** of business and graphics users. It captures sharp, **high - resolution images** at 640 x 480 **pixel** resolution in 24-bit color using a 350,000 square-**pixel**, progressive scan CCD. Up to 108 pictures can be stored in its built-in 4...

15/3,K/101 (Item 65 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04560954 Supplier Number: 46703456 (USE FORMAT 7 FOR FULLTEXT)
Microvision Inc. to demonstrate Virtual Retinal Display at Army Experiment III.
Business Wire, p9120010
Sept 12, 1996
Language: English Record Type: Fulltext
Article Type: Biography

Document Type: Newswire; Trade
Word Count: 328

... s eye. The VRD scans a low-power beam of light to "paint" rows of **pixels** directly onto the eye, **creating** a **high - resolution** , full-motion **image** without the use of screens or externally projected images.

The company's objective is to...

15/3,K/102 (Item 66 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04500714 Supplier Number: 46610119 (USE FORMAT 7 FOR FULLTEXT)
Intergraph Announces New StudioZ Workstations, the Next Step Toward Real Time Reality
News Release, pN/A
August 6, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1398

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...based graphics subsystem to achieve over 1.2 million lit, Z-buffered, Gouraud-shaded, 50- **pixel** 3D triangles per second. StudioZ workstations with Realizm 3D graphics enable CGI content **creators** to work with true-color, double-buffered **images** at **high resolutions** , suitable for the highest-quality 3D applications such as NewTek's Lightwave 3D and Softimage...

15/3,K/103 (Item 67 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04264424 Supplier Number: 46246961 (USE FORMAT 7 FOR FULLTEXT)
Hypervision
Electronic News (1991), p066
March 25, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 91

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Fremont, Calif. HIRO compensates for mismatches between emission microscope images caused by different X-Y **translation** coordinates, **pixel** aspect ratios and theta alignments. While maintaining its **high resolution** , HRIO performs **image** subtraction, when known emitters in a good chip are subtracted from those in a failed...

15/3,K/104 (Item 68 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04237509 Supplier Number: 46203435 (USE FORMAT 7 FOR FULLTEXT)
Seybold - Macromedia's FreeHand Plug-In, 4-Package Suite 03/05/96

Newsbytes, pN/A
March 5, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 868

... for cross-platform three-dimensional (3-D) modeling and animation;
and xRes 2.0, for **creating** and editing **high resolution images** for
use in **Web** pages, publishing, and animation.

Also included in Macromedia's new software bundle is Kai's...

15/3,K/105 (Item 69 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04019804 Supplier Number: 45841961 (USE FORMAT 7 FOR FULLTEXT)

Getting the Picture

Printing Impressions, p42
Oct 6, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1566

... which an image is scanned at high resolution and, after being
routed to the OPI **server**, subsampled to **create** to the OPI **server**,
subsampled to **create** a **low - resolution FPO/proxy image**. The proxy is
then used for page layout and design purposes.

As for the high...

15/3,K/106 (Item 70 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03759879 Supplier Number: 45340826 (USE FORMAT 7 FOR FULLTEXT)
PRESSLINK TO PREVIEW NEXT GENERATION ONLINE SERVICE AT DIGITAL '95;

ATTENDEES WILL GET FIRST USE OF NEW IMAGE-ACCESS TOOLS

PR Newswire, pN/A
Feb 16, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 324

... the PressLink preview at Digital '95
include a demonstration of 14,400 baud rate for **high resolution**
image
transmission and a system of color icons that **simplify** use of the
online service.

PressLink was founded to provide media professionals with instant
access to photos, graphics and...

15/3,K/107 (Item 71 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03527036 Supplier Number: 44944539 (USE FORMAT 7 FOR FULLTEXT)
TeleGrafix Releases Software For Multimedia Online Services Development
Electronic Information Report, v15, n31, pN/A

August 26, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 262

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...200 software package for creating online services with multimedia elements. The RIPscrip 2.0 allows **online** developers to **create** screens containing text, digitized sound and **high resolution JPEG photographic images**. The software is available for DOS and will soon be available for Macintosh, Windows, and...

15/3,K/108 (Item 72 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03331894 Supplier Number: 44609168 (USE FORMAT 7 FOR FULLTEXT)
XIONICS PUTS "IMAGES ON THE LINE" WITH QUARTET OF SOFTWARE LEADERS

News Release, pN/A

April 19, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 676

... images into a wide array of mainstream document management, optical character recognition and fax software.

Pixel has recently completed support for Xionics' full range of accelerator cards. XipPrint and XipView, Xionics' **image** -enabled **high** -

resolution Windows display controller, are supported under **Pixel Translations** ' PixView Tools software. Turbo and the mid- market Lightning scan accelerator are supported in the...

15/3,K/109 (Item 73 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

03184568 Supplier Number: 44358455
METRATEK ANNOUNCES SOFTWARE FOR HAND-HELD SCOPES

News Release, pN/A

Jan 15, 1994

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...the clipboard to other applications without ever creating a file", he said. In addition to **creating** Windows metafiles (scaleable, **high resolution** vector **pictures**) and **bitmap images** for use with other programs, Waveform Manager also operates as a stand alone program providing ...

15/3,K/110 (Item 74 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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02732763 Supplier Number: 43656852 (USE FORMAT 7 FOR FULLTEXT)

Japan: Fujitsu Intros Multimedia Player For TV 02/17/93

Newsbytes, pN/A

Feb 17, 1993

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 372

... is also available for the player.

The Marty has Fujitsu's original full-digital video- **converter** chip in its body. With this chip, the device supports **high resolution color pictures** at a 640 by 480 **pixel** mode on a regular TV screen. As a result, the retail price of this multimedia...

15/3,K/111 (Item 75 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

01542374 Supplier Number: 41884412 (USE FORMAT 7 FOR FULLTEXT)

NEW! JAGUAR THERMAL TRANSFER PRINTER

News Release, p1

Feb 25, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 304

... TIME" FOR PRINTING. UP TO

2300 FT. RIBBON ROLL CAPACITY MEANS MAXIMUM TIME BETWEEN ROLL

CHANGES . ITS HIGH RESOLUTION PRINTHEAD CREATES

BAR CODES AND DETAILED

GRAPHIC **IMAGES** EITHER ALONG OR ACROSS THE **WEB**

. NO TYPE OR MAGNESIUM

PLATES ARE USED. THE OPERATOR CAN CHANGE PRINTED IMAGES INSTANTLY.

THE...

15/3,K/112 (Item 76 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

01214206 Supplier Number: 41398657

**INFORMATION & PUBLISHING SYSTEMS BRINGS ALDUS OPI DESKTOP-TO-PREPRESS
STANDARD TO NEWSPAPER INDUSTRY**

News Release, p1

June 22, 1990

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...dedicated High Resolution Color Server, and when the image is needed for desktop integration, the **server** generates a **lower resolution** version of the **image**. The **lower resolution image** data is then transmitted to ScriptMaster, which **converts** the image information into TIFF (Tagged Image File Format). ScriptMaster acts as a fileserver for...

15/3,K/113 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

11511182 SUPPLIER NUMBER: 56727522 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Budget Buys in USB Desktop Cameras. (Logitech's QuickCam Express, Creative Labs' Video Blaster WebCam 3 video cameras for) (Hardware Review) (Evaluation)

Arar, Yardena

PC World, NA

Oct, 1999

DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 793 LINE COUNT: 00063

... outweighs its lack of extensive printed documentation. But if you want to run a personal **Web** cam, **create higher - resolution images**, or do more **image** editing, spend the extra \$30 for **Creative Labs'** product.

QuickCam Express

PRO: Great price, supereasy video e-mail and conferencing, excellent USB...

15/3,K/114 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

11285412 SUPPLIER NUMBER: 55512421 (USE FORMAT 7 OR 9 FOR FULL TEXT)

HARDWARE. (News Briefs)

Computer Graphics World, 22, 8, 110

August, 1999

ISSN: 0271-4159 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1380 LINE COUNT: 00116

... VCR or camcorder. Built with two Permedia 3 chips from 3Dlabs, the product delivers realistic **images** and scenes with its **high - resolution** display, DVD motion compensation, and color space **conversion** as well as 125 million multi-texture **pixels** per second fill rate. The price is not available. (Redmond, WA; 425-882-2020; www...

15/3,K/115 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10770320 SUPPLIER NUMBER: 53642114 (USE FORMAT 7 OR 9 FOR FULL TEXT)

New Products. (News Briefs)

Telephony, 0040-2656, NA

Dec 21, 1998

ISSN: 0040-2656 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 641 LINE COUNT: 00054

... 8.4 include interactive 3D models, intervisibility and threat analysis, VRML 2.0 support for **creating** 3D **Web** content, and the ability to generate **high - resolution** 3D **images** for printing. Version 8.4 is available for Sun Solaris, SGI, DEC and Microsoft Windows...

15/3,K/116 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10731307 SUPPLIER NUMBER: 53518646 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Bulletin. (Brief Article)

Merrick, Amy

R & D, 40, 13, 7(1)

Dec, 1998

DOCUMENT TYPE: Brief Article ISSN: 0746-9179 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 732 LINE COUNT: 00078

... a highlight of the IBM Fair '98 in Tokyo. The prototype IBM Wearable PC uses **CyberDisplay** technology **created** by Kopin Corp., Taunton, Mass. (508-824-6696), to produce **high - resolution images** like those seen on a desktop monitor.

Electricity "superhighway" speeds into Detroit. Detroit Edison will

...

15/3,K/117 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10635953 SUPPLIER NUMBER: 20800229 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Microvision Awarded SBIR Phase II Contract from U.S. Air Force

PR Newswire, p617CGW022

June 17, 1998

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 992 LINE COUNT: 00085

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The viewer looks at a small...

15/3,K/118 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10166790 SUPPLIER NUMBER: 20223185 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Goal: jumpstarting Internet commerce. (Live Picture Inc.)

Wilken, Earl

Graphic Arts Monthly, v69, n11, p96(1)

Nov, 1997

ISSN: 1047-9325 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 547 LINE COUNT: 00048

... over zooming, panning, and printing images on the Web over standard network bandwidths. "With RealSpace, **Web** designers can now use **high - resolution images** on their sites and **create** dynamic photospatial experiences that download as quickly as traditional image file formats," says Eric Chen...

15/3,K/119 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10164587 SUPPLIER NUMBER: 20170238 (USE FORMAT 7 OR 9 FOR FULL TEXT)

SRC Vision: today & tomorrow. (machine vision system) (includes related articles on the features of SRC Vision)

Food Processing, v58, n9, p81(4)

Sep, 1997

ISSN: 0015-6523

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2958

LINE COUNT: 00235

... 1/16-inch diameter, and will accurately detect defects down to 1/8-inch. A **high - resolution** configuration transmits **images** with 2,048 **pixels**, which **translates** to a product area of about 1/32-inch, targeting defects down to 1/16...

15/3,K/120 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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10159783 SUPPLIER NUMBER: 20081455 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Third parties hold Mac line at Net show. (Sun's Java Activator, LivePicture Corp's Reality Studio, DataViz Inc's Web Buddy 2.0) (Product Information)

Dudrow, Andrea

MacWEEK, v11, n48, p1(2)

Dec 15, 1997

ISSN: 0892-8118

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 563

LINE COUNT: 00047

... up Reality Studio, a suite for creating 3-D Web multimedia. The package will let **Web** developers **create** 360-degree panoramas, **high - resolution images** that users can zoom through, and 3-D objects that users can rotate in a...

15/3,K/121 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09867191 SUPPLIER NUMBER: 19986607 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Microvision Announces Results for Third Quarter

PR Newswire, pl113SFTH037

Nov 13, 1997

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 887

LINE COUNT: 00110

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/122 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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09795263 SUPPLIER NUMBER: 19891432 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Microvision Delivers Helmet-Mounted Display to Saab and Ericsson Saab

Avionics

PR Newswire, pl021SFTU046

Oct 21, 1997

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 625

LINE COUNT: 00057

... s eye, The VRD scans a low power beam of light to "paint" rows of **pixels** on to the eye, **creating** a **high resolution**, full-motion **image**

without the use of electronic screens of any kind. The company's objective is to...

15/3,K/123 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09761880 SUPPLIER NUMBER: 19809149 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Koyosha Graphics of America Ships Precision Preview XT 2.0 for QuarkXPress
And QuarkImmedia**
PR Newswire, p1001SFW010
Oct 1, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 984 LINE COUNT: 00088

... to HTML using other third-party XTtensions from vendors such as Astrobyte, Extensis and HexMac.

Creative and production professionals view optimized color, grayscale and **bitmap images in high resolution**, completely free of jaggies. This ability to see the fine detail of images gives users...

15/3,K/124 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09432722 SUPPLIER NUMBER: 19325362 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Live Picture, Inc. ships Its RealSpace Image Server; first solution for
delivering high-quality, low-bandwidth images and photospacial
interactivity for electronic commerce, marketing, entertainment, and
workflow.**
Business Wire, p4211109
April 21, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1363 LINE COUNT: 00122

... quality and interactivity for quick download times," said Eric Chen, vice president of technology, Live **Picture**.

"With RealSpace, **Web** designers can now use **high - resolution images** on their sites and **create** dynamic photospacial experiences that download as quickly as traditional image file formats."

RealSpace enhances visual...

...Netscape Navigator and Microsoft Internet Explorer, and the FlashPix Photoshop Plug-In authoring software to **create** photospacial **Web** content with Adobe Photoshop.

The FlashPix Viewer presents **high - resolution FlashPix images** quickly -- even on 28.8K modems. Since only the image data necessary to view the...

15/3,K/125 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09421211 SUPPLIER NUMBER: 19300216 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Low-cost, emissive flat-panel display challenges LCD and plasma schemes.
(liquid crystal display)**
Bursky, Dave

Electronic Design, v45, n4, p32(1)

Feb 17, 1997

ISSN: 0013-4872

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 602

LINE COUNT: 00050

... and smaller are possible. Subsequently, HGED resolution can pack as many as 14.7 million **pixels** on a 13-in. diagonal display. The **high pixel resolution** of the HGED also promises much sharper **images**, even when compared to CRT-based systems.

Currently, Telegen has **created** a proof-of-concept 6-in. diagonal monochrome/gray-scale display that operates at 180...

15/3,K/126 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09329746 SUPPLIER NUMBER: 19116662 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Repurposing content for cross-media marketing.(software solutions)

Sharples, Hadley

Graphic Arts Monthly, v69, n2, p51(2)

Feb, 1997

ISSN: 1047-9325

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1903

LINE COUNT: 00161

... users can automate the processing of content files in a variety of ways, for example, **converting high - resolution TIFF files into low - resolution GIF images** for the **Web**.

Media Way has released MediaAssets 1.5, the latest version of its multimedia asset management...

15/3,K/127 (Item 15 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09205012 SUPPLIER NUMBER: 18963051 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Filters - those that blur. (digital imaging filters)(part 2)(Pixel Corner)

Rohde, Russell A.

PSA Journal, v62, n12, p9(1)

Dec, 1996

ISSN: 0030-8277

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 564

LINE COUNT: 00047

... of the magnitude of effects at various settings and the time needed. One can then **extrapolate** what **higher resolution images** require, recalling doubling of resolution quadruples **pixels**. This is why commercial graphic artists favor faster chips with high MHz such as the...

15/3,K/128 (Item 16 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09166707 SUPPLIER NUMBER: 18928077 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Managing a digital image system. (converting film libraries into digital libraries) (Technology Information)

Levy, Trudy

InformationWeek, n607, p47(4)

Nov 25, 1996

ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2325 LINE COUNT: 00185

... equipment and software, but whose configurations affect the technology requirements of the others. For example, **images** for prepress work should be **created** in **high resolution**, but **low - resolution images** are required for the **Web**.

Image Archive

Creating an image archive is a two-step process. First, digitize or scan the image; then...

15/3,K/129 (Item 17 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09145293 SUPPLIER NUMBER: 18847709 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Vendors announce product offerings.
Graphic Arts Monthly, v68, n11, p90(1)
Nov, 1996
ISSN: 1047-9325 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 505 LINE COUNT: 00042

... distribution.

MGI also reports it has developed an OPI software option for its JetStream Color **Image Server**, which can improve the throughput of **high - resolution** color graphics from Macintosh **create** -stations to large-format printers and digital color copiers.

Electronics for Imaging (EFI), San Francisco...

15/3,K/130 (Item 18 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

09006985 SUPPLIER NUMBER: 18686499 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tukaiz is paving the multimedia highway. (Tukaiz Communications)
Graphic Arts Monthly, v68, n9, p106(2)
Sep, 1996
ISSN: 1047-9325 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1420 LINE COUNT: 00115

... live job data over the Internet Electronic transfer is used only for type, logos, and **changes**. Frank Defino Sr. says he doesn't see customers sending **high - resolution images** over the **Internet** in the near future; however, he feels that when the technology is there, sending large...

15/3,K/131 (Item 19 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08757801 SUPPLIER NUMBER: 18340633 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Image processor 'drives' across America. (robotic cars)
Pomerleau, Dean; Jochem, Todd
Photonics Spectra, v30, n4, p80(5)
April, 1996
ISSN: 0731-1230 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1856 LINE COUNT: 00146

... e.g., another vehicle) is blocking its view. It then selectively samples the trapezoidal area, **creating a low - resolution (32 x 32-pixel) image** in which features such as lane markings appear to be parallel.

To determine in which...

15/3,K/132 (Item 20 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08676731 SUPPLIER NUMBER: 18272215 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New image system takes on CCDs. (Dai Nippon Printing Co's experimental image-capturing system improves the resolution of charge-coupled-device digital cameras) (Technology Information)

Hara, Yoshiko

Electronic Engineering Times, n900, p1(2)

May 6, 1996

ISSN: 0192-1541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 710 LINE COUNT: 00057

...ABSTRACT: it supports resolutions greater than 20 million pixels per frame, compared to the 6-million- **pixel** resolution of CCD digital cameras. Conventional silver-halide **photography** offers **high resolution** but takes time to **convert** the **image** to digital form, while digital still cameras capture a digital signal immediately but have lower...

... Elgraphy to capture more pixels, while it costs a lot to increase the number of **pixels** on a CCD."

There are two basic ways to capture digital **images** : conventional silver-halide **photography** , which offers **high resolution** but takes time to **convert** the **image** to digital form, and digital still cameras, which capture a digital signal instantaneously but yield...

15/3,K/133 (Item 21 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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08605104 SUPPLIER NUMBER: 18203171 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Drawing from experience. (review of Adobe Systems' Adobe Illustrator for Macintosh 6.0, Corel's CorelDraw 6.0, Macromedia's FreeHand for Windows 5.0, FreeHand for Macintosh 5.5 high-end illustration software) (includes related articles on overall results, test methodology and extensive table of product features) (Software Review) (Evaluation)

Heck, Mike; Mitchell, Karen

InfoWorld, v18, n16, p88(9)

April 15, 1996

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 11273 LINE COUNT: 00927

... programs, such as Adobe Photoshop, that manipulate each of the tens of thousands of individual **pixels** that make up photographic images.

By reducing illustrations to mathematical codes, vector-based programs **create** graphics that can be reproduced at extremely **high resolutions** on **image** setters, film recorders, and printers that interpret the PostScript language. Additionally, PostScript illustrations can be...

15/3,K/134 (Item 22 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

08095170 SUPPLIER NUMBER: 17259189 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Large screens now corporate fixtures. (selecting monitors) (Buyers Guide)

Taub, Eric

MacWEEK, v9, n34, p39(2)

August 28, 1995

DOCUMENT TYPE: Buyers Guide ISSN: 0892-8118 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1808 LINE COUNT: 00143

... lines that are constantly being redrawn. The number of times that the image is re- **created** each second is called the refresh rate, noted in hertz. **Higher - resolution images**, such as 1,152 by 870 **pixels** and 1,280 by 1,024 **pixels**, tend to be redrawn more slowly since there is more information to be re-created...

15/3,K/135 (Item 23 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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08020576 SUPPLIER NUMBER: 17311340 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Today's smarter video cameras: ready for new applications.

Szanto, George

Advanced Imaging, v10, n6, p12(3)

June, 1995

ISSN: 1042-0711 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2200 LINE COUNT: 00178

... so that up to 12 cameras may be ganged together to image a very wide **web** or to **create** very **high resolution images**. Within each camera there are up to eight parallel processors performing a variety of **pixel** screening operations. Only defect information and images are transmitted to the control host computer for...

15/3,K/136 (Item 24 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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07906964 SUPPLIER NUMBER: 16985559 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Intergraph Talks Technology, Software, Marketing Strategy at A/E/C Systems.

Business Wire, p6061242

June 6, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2931 LINE COUNT: 00256

... availability of Pixel PRO, its Microsoft Windows 3.1 and Windows NT raster utilities software. **Pixel Pro** is a powerful graphics application for enhancing and **translating high - resolution** raster **images**. This production-strength software can work with images of all sizes, from the smallest to...

15/3,K/137 (Item 25 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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07903934 SUPPLIER NUMBER: 16980229 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Intergraph Announces Windows-based Raster Utilities Software; Introducing Pixel PRO.

Business Wire, p6061038

June 6, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 442 LINE COUNT: 00041

TEXT:

...PRO, its new Microsoft Windows 3.1 and Windows NT raster utilities software. Intergraph's **Pixel PRO** is a powerful graphics application for enhancing and **translating high - resolution raster images**. This production strength software can work with images of all sizes, from the smallest to...

15/3,K/138 (Item 26 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07815790 SUPPLIER NUMBER: 16861774 (USE FORMAT 7 OR 9 FOR FULL TEXT)

xRes zips up render speed. (Fauve Software Inc's xRes 1.11) (Product Announcement) (Brief Article)

Said, Carolyn

MacWEEK, v9, n17, p10(2)

April 24, 1995

DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0892-8118

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 380 LINE COUNT: 00030

... of the image-editing program.

xRes, priced at \$799, converts large TIFF images into a **pixel**-based format and **creates** seven versions of the **image** at progressively **lower resolutions**. The software selects the appropriate resolution for the zoom factor, allowing users to edit more...

15/3,K/139 (Item 27 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07652673 SUPPLIER NUMBER: 16053483 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Xres enters large-file manipulation market. (Fauve Software Inc Xres) (Product Announcement) (Brief Article)

Said, Carolyn

MacWEEK, v9, n3, p16(2)

Jan 16, 1995

DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0892-8118

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 330 LINE COUNT: 00025

Priced at \$799, Xres works by converting large TIFF files into a **pixel**-based format that **creates** a "pyramid" of seven versions of the **image**, each at a progressively **lower resolution**. When users zoom in on part of an image, the software selects the appropriate resolution...

15/3,K/140 (Item 28 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07648451 SUPPLIER NUMBER: 15992003 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Radius Delivers Networked Color Scanning, Printing and Proofing System for Windows and Macintosh; Splash TX/PS and Splash MXplus/PS Power Servers from Radius Turn Xerox MajestiK Color Series Digital Copier Into a Fast, Accurate photo-realistic color printer and proofer for the graphic arts and desktop publishing markets.

Business Wire, p01040043

Jan 4, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1205 LINE COUNT: 00103

... over the network -- so that users can edit the large, scanned files on the Splash **server** , **create low - resolution images** using OPI, and then share those **low - resolution** samples over the **network** , avoiding tying up the network with large file transfers.

Splash's unique color correction ASIC...

15/3,K/141 (Item 29 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

07573304 SUPPLIER NUMBER: 15827555 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Virtual reality for architects; new technologies simulate moving through space for design study and presentation.

Novitski, B.J.

Architecture, v83, n10, p121(5)

Oct, 1994

ISSN: 0746-0554 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2200 LINE COUNT: 00182

... sides, thus filling a 270 degree field of vision. Audio speakers mounted on each wall **create** an acoustical surround. **High - resolution images** are generated by **networked** workstations, one for each screen. One person navigates through the 3D environment by manipulating a...

15/3,K/142 (Item 30 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07496686 SUPPLIER NUMBER: 15723522 (USE FORMAT 7 OR 9 FOR FULL TEXT)
TELEGRAPHIX RELEASES REVOLUTIONARY CYBERMEDIA TECHNOLOGY

PR Newswire, p0818NY038

August 18, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1024 LINE COUNT: 00087

... integrate graphics, photos, and text. Using RIPscrip 2.0's powerful drawing and formatting tools, **online** publishers can **create** a single screen containing text, digitized sound and **high - resolution JPEG photographic images** with up to 16.7 million colors.

The JPEG images are dazzling with scaling, color...

15/3,K/143 (Item 31 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

06792327 SUPPLIER NUMBER: 14894291 (USE FORMAT 7 OR 9 FOR FULL TEXT)
'Open Network': sharing files in multi-vendor environment. (digital image
production open environment) (Prepress Imaging)
Fleiss, Edward A.
Computer Pictures, v11, n6, p52(3)
Nov-Dec, 1993
ISSN: 0883-5683 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1824 LINE COUNT: 00137

... data base that kept track of the images both visually and as
relational data both on line and off line.

High and Low resolution images were created and stored as
directed by the user, along with a placement image. The placement images...

15/3,K/144 (Item 32 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06745854 SUPPLIER NUMBER: 14556203 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PC image manipulators bolstered by Photoshop, Twain, Photo CD. (Graphics
Software)
Sweet, Steven
Computer Pictures, v11, n5, p26(2)
Sept-Oct, 1993
DOCUMENT TYPE: evaluation ISSN: 0883-5683 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3492 LINE COUNT: 00277

... for Windows 4.0 (\$595) has three features to speed image editing:
object layering of bitmap graphics; FastBits editing of a small area of a
large image; and Low Resolution Image Open Option to apply changes
to the whole image.

It is TWAIN compliant, with plug-in support for Gallery Effects...

15/3,K/145 (Item 33 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06745853 SUPPLIER NUMBER: 14556201 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Mighty tools in the hands of Macintosh artists. (applications of Adobe
Photoshop and related image processing software) (Graphics Software)
Cillo, Joseph
Computer Pictures, v11, n5, p24(2)
Sept-Oct, 1993
DOCUMENT TYPE: evaluation ISSN: 0883-5683 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 932 LINE COUNT: 00080

... 32-bit true color imaging and photo-retouching program credited
with giving Macintosh professionals significant creative power. It is
used in professional environments to create original images, assemble
montages, retouch images and merge high-resolution color photos,
video captures, pixel artwork and PostScript type.

ColorStudio features include powerful paint and retouching tools,
full density gray...

15/3,K/146 (Item 34 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06743304 SUPPLIER NUMBER: 14279051 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SEMCOR, INC. ANNOUNCES DIGITAL CAMERA TECHNOLOGY
PR Newswire, p1104PH040
Nov 4, 1993
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 387 LINE COUNT: 00032

... transmitted over cellular links or conventional phone lines directly into the newspaper's photo department **network** . There it is **converted** by computer for printing as a **high - resolution picture** , comparable in quality to conventional **photography** .

"The process saves the time it takes to develop and edit conventional color film, making...

15/3,K/147 (Item 35 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06520014 SUPPLIER NUMBER: 13511831 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Multimedia: a glossary.
Schaller, Anne
CD-ROM Professional, v6, n1, p106(6)
Jan, 1993
ISSN: 1049-0833 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4224 LINE COUNT: 00348

... screen aspect ratio (width:height) from the current 12:9 to 16:9, which would **create** a television screen shaped more like a movie screen.

high - resolution : An adjective describing improvement in **image** quality as a result of increasing the number of **pixels** per square inch. Called "hi-res" for short.

High Sierra format: A standard format for...

15/3,K/148 (Item 36 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06450330 SUPPLIER NUMBER: 13694596 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Archetype, COPS offer servers to speed pre-press, printing. (CoOperative Printing Solutions Inc.) (Product Announcement)

Said, Carolyn
MacWEEK, v7, n17, p26(1)
April 26, 1993

DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 407 LINE COUNT: 00032

... resolution FPO (for position only) proxies on the page. When the page is printed, the **server** replaces the **low - resolution image** with the **high - resolution** data on the fly.

Image Engine also **simplifies** DCS color proofing by merging a DCS file set's resolution-independent CMYK (cyan, magenta...

15/3,K/149 (Item 37 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06417203 SUPPLIER NUMBER: 13545631 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Separator perfects PostScript production. (Colortronix Corp.) (special section: Prepress Imaging)

Wilkin, Earl

Graphic Arts Monthly, v65, n2, p62(2)

Feb, 1993

ISSN: 1047-9325 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1203 LINE COUNT: 00095

... ready for separations.

The completed files were sent to the NPS station, passing through a **translator** that **converts** PostScript pages into highresolution **bitmaps** . There, the **low - resolution** proxy **images** were replaced by the **high - resolution images** stored by the scanners as TIFF files and then sent to the new imagesetter.

"Because...

15/3,K/150 (Item 38 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06228383 SUPPLIER NUMBER: 12801567 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Macintosh draw/paint programs rival traditional art tools. (Software Review) (Computer Pictures Special Report: Creative Software) (Evaluation)

Cillo, Joseph

Computer Pictures, v10, n4, pS2(5)

July-August, 1992

DOCUMENT TYPE: Evaluation ISSN: 0883-5683 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT

WORD COUNT: 2753 LINE COUNT: 00232

... imaging program has been credited with giving professionals applying Mac photo-retouching software the most **creative** power.

Used in professional environments for merging **high - resolution** color **photos** , video captures, **pixel** artwork and PostScript type, its features include powerful paint and retouching tools, a full density...

15/3,K/151 (Item 39 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06222050 SUPPLIER NUMBER: 13978838 (USE FORMAT 7 OR 9 FOR FULL TEXT)
High-resolution, continuous tone art needs CPU muscle to eliminate pixels. (central processing unit)

Simerman, Tony

Computer Pictures, v10, n5, p22(2)

Sept-Oct, 1992

ISSN: 0883-5683 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1187 LINE COUNT: 00091

...ABSTRACT: like to have an affordable and efficient computer software and hardware that would eliminate the **pixel** and **create high -**

resolution images . Various companies have developed personal computers with clean DOS interfaces, used **pixel** interpolation techniques and developed three-dimensional modeling to allow high-resolution paint and image processing...

15/3,K/152 (Item 40 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06155800 SUPPLIER NUMBER: 12748991 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Local-bus technology: video takes a new route. (includes related articles on highlights, Compaq QVision, lists of vendors)
Quain, John R.
PC Magazine, v11, n18, p137(10)
Oct 27, 1992
ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5421 LINE COUNT: 00415

... re using an accelerator with a Graphics Winmark score of around six million, these screen **changes** seem instantaneous. But at Super VGA **resolutions** or **higher** , when color **bitmapped images** , animation, or shading in AutoCAD comes into play, your screen won't be so zippy...

15/3,K/153 (Item 41 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

06130011 SUPPLIER NUMBER: 12650091 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Newspapers searching for digital archiving solutions. (MacWEEK Special Report)
Waltz, Mitzi
MacWEEK, v6, n32, p50(2)
Sept 14, 1992
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 921 LINE COUNT: 00072

... do this?' "
NewsPhotoAccess' relational database runs on a Mac but stores files on either a **server** or digital media. It **creates** thumbnail, preview and **high - resolution** views of each **image** . Only thumbnails need to be stored on-line.
NewsPhotoAccess also has been snapped up by...

15/3,K/154 (Item 42 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05905229 SUPPLIER NUMBER: 12302580 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Helios OPI to boost graphics printing speeds by 300%: stores Mac images on Unix servers. (Helios USA announces Helios Open Programming Interface software for Unix-based file servers that speeds printing of graphics-intensive documents) (Brief Article) (Product Announcement)
Streeter, April
MacWEEK, v6, n25, p18(1)
June 29, 1992
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 313 LINE COUNT: 00024

... Unix server and access its processing power.

When a Macintosh user opens or transfers an **image** residing on the **server**, OPI **creates** a **low - resolution** version of the file that is about one-tenth of the original's size for...

...When a Macintosh user chooses the Print command, OPI sends the file to the Unix **server**, makes any necessary **changes** to the original **image** file and substitutes it for the **low - resolution** version before sending it to EtherShare's print spooler and then an imagesetter or printer...

15/3,K/155 (Item 43 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05838016 SUPPLIER NUMBER: 12160289 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Personal publishing comes of age: five low-cost DTP programs. (Software Review) (overview of five evaluations of desktop publishing packages) (includes related articles on how packages were tested, Editors' Choice and desktop publishing with word processors) (Evaluation)

Simone, Luisa

PC Magazine, v11, n9, p295(15)

May 12, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2560 LINE COUNT: 00202

... font outlines.) Though the exact file formats may vary, each of the programs can handle **high - resolution bitmapped** or vector **images**. They all allow you to **create** complex layouts by automatically wrapping text around pictures, linking text frames to one another, and...

15/3,K/156 (Item 44 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05517333 SUPPLIER NUMBER: 11550077 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PC imaging grows up. (the expanding market for computer imaging; includes related article) (Electronic Studio)

Merrell, Sam J.

Photo District News, v11, n12, p132(3)

Nov, 1991

ISSN: 1048-0145

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1919 LINE COUNT: 00145

... and can process images at extremely high resolution, up to 8,192 x 8,192 **pixels**," Scott says--enough **image** data to **create** all but the very **highest - resolution** digital chromes. When I asked him recently about the new Windows packages, he said he...

15/3,K/157 (Item 45 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05452361 SUPPLIER NUMBER: 11133508 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Pictures, PostScript and plates: new image-handling, imaging products at

ANPA/TEC; new plate from longtime manufacturer. (products displayed at the American Newspaper Publishers Association's technical conference)

Rosenberg, Jim

Editor & Publisher, v124, n30, p28(3)

July 27, 1991

ISSN: 0013-094X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2139

LINE COUNT: 00174

... high-resolution graphics close to the PIPs, network traffic is reduced. The APS-100 opens **network** bottlenecks **created** when **high - resolution images** are moved from scanners and local disks and when large PostScript files are passed from...cropped, scaled, rotated and positioned. When a page is completed, the image returns to the **server**, where **changes** made to a view file are automatically applied to its **high - resolution** counterpart.

Picture pages can then be sent to a proofer or print spooler for immediate, delayed or...

15/3,K/158 (Item 46 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05197143 SUPPLIER NUMBER: 10913646 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Archetype system speeds production. (InterSep image processing software)

(product announcement)

Said, Carolyn

MacWEEK, v5, n24, p24(1)

June 25, 1991

DOCUMENT TYPE: product announcement

ISSN: 0892-8118

LANGUAGE:

ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 287

LINE COUNT: 00023

... a server that acts as the master repository and distribution manager for all of a **network 's high - resolution images**. As InterSep stores each **image**, it automatically **creates** a **low - resolution** ViewFile, which is available to use in page layouts. ViewFiles can be cropped, scaled, rotated...

15/3,K/159 (Item 47 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05181755 SUPPLIER NUMBER: 10865783 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Windows 3.0 stirring up PC-PS/2 draw/paint software pot. (Special Report:

Draw/Paint Software) (Cover Story)

Sweet, Steven

Computer Pictures, v9, n3, pS-11(4)

April-May, 1991

DOCUMENT TYPE: Cover Story

ISSN: 0883-5683

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 3430

LINE COUNT: 00269

... Effects takes in video or scanned images in the Targa-16 format. The program can **create** up to 48 different variations of the scanned or captured **image** with a 512x400 **pixel resolution**. The **High Resolution** version does the same as Standard, and it works with files up to 4K resolution...

15/3,K/160 (Item 48 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05181753 SUPPLIER NUMBER: 10865793 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Macintosh paint/draw programs: graphic cornucopia. (Special Report:

Draw/Paint Software) (Cover Story)

Cillo, Joseph

Computer Pictures, v9, n3, pS-3(5)

April-May, 1991

DOCUMENT TYPE: Cover Story

ISSN: 0883-5683

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2421 LINE COUNT: 00203

... photo-retouching software, this program has been credited with giving skilled digital artists the most **creative** power.

It has become a leader for merging **high - resolution** color photos, video captures, **pixel** artwork and PostScript type. Features include powerful paint and retouching tools, a full density gray...

15/3,K/161 (Item 49 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05181072 SUPPLIER NUMBER: 10818946 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Mac painting venture: Time Arts' Oasis package sports innovations, but still needs to grow. (Software Review) (evaluation)

Steuer, Sharon

Computer Graphics World, v14, n6, p107(3)

June, 1991

DOCUMENT TYPE: evaluation

ISSN: 0271-4159

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2177 LINE COUNT: 00164

... in "real-life" measurements such as inches, millimeters, or picas; Oasis images are sized in **pixels** only.

If you open an **image** of **higher resolution**, it will be **converted** to 72 dpi, and you will have to scroll around to get glimpses of your...

15/3,K/162 (Item 50 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05176826 SUPPLIER NUMBER: 10806340 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Rasterex USA/Expert Graphics: Rasterex Liberty 810AT. (Software Review)

(one of 15 evaluations of graphics adapters in 'High resolution and high speed.') (evaluation)

Poor, Alfred

PC Magazine, v10, n12, p150(1)

June 25, 1991

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 630 LINE COUNT: 00048

...ABSTRACT: Instruments 34010 coprocessor and built-in VGA. The on-board VGA suffers from severe bugs, **creating** a jerky **image** when running DOS.

Rasterex provides a good **high - resolution** 1,024 x 768- **pixel** driver for Microsoft Windows, and its board performs well with AutoCAD. The bundled AutoIcon software...

15/3,K/163 (Item 51 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05163646 SUPPLIER NUMBER: 10771179 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging systems that pay off. (choosing an imaging system) (includes related article on measuring return on investment for imaging systems)

Davis, Dwight B.

Datamation, v37, n10, p77(3)

May 15, 1991

ISSN: 1062-8363 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1579 LINE COUNT: 00127

... image applications.

Other features include optical character recognition (OCR), bar-code recognition, gateways into facsimile **networks**, **creation** of electronic forms, **image** compression and decompression algorithms, and support for **high - resolution** scanners and **high** -capacity optical disc drives.

integration Tops Wish Lists

When choosing an imaging system, is managers...

15/3,K/164 (Item 52 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

05143173 SUPPLIER NUMBER: 10645542 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Film recorders. (Hardware Review) (overview of four evaluations of desktop film recorders) (includes related articles on Editor's Choice, how film recorders work, evaluating slide quality) (evaluation)

Poor, Alfred

PC Magazine, v10, n9, p305(14)

May 14, 1991

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5042 LINE COUNT: 00389

... images are preferred, because they are not shackled to the resolution at which they were **created**, but **high - resolution bitmapped images** can also achieve attractive effects. In any case, each graphics file must be converted to...

15/3,K/165 (Item 53 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05138235 SUPPLIER NUMBER: 10598869 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Low-cost, high-resolution display adapters receive mixed grades. (survey of buyers of high-resolution graphics boards)

Mann, Mary

PC Week, v8, n15, p89(2)

April 15, 1991

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 885 LINE COUNT: 00071

... is useful for applications with a lot of fine lines."

The 1,024-by-768- **pixel** resolution supported by the Everex Viewpoint TC is a convenience, according to Steier.

"With the **higher resolution**, we can **create** larger **images** without scrolling or zooming into the image," he said.

According to James Karney, owner of...

15/3,K/166 (Item 54 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05104986 SUPPLIER NUMBER: 10369828 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Filling a niche: flexibility and interactivity are key to computer

illustrator/fine artist. (the work and tools of Minneapolis, MN, fine and commercial artist Charley Murphy) (Graphics Portfolio - Special Edition)

Pfitzer, Gary; Keery, Nina

Computer Graphics World, v14, n2, p66(3)

Feb, 1991

ISSN: 0271-4159 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1413 LINE COUNT: 00105

... the 8-bit version of the package. And Rio is a good program for compositing **high - resolution images**, because it can **create** raster **bitmaps** at any size I specify," he says.

The newest program that Murphy is working with...

15/3,K/167 (Item 55 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05104979 SUPPLIER NUMBER: 10369808 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A designer's dream. (Ray Dream Inc introduces Ray Dream Designer three

dimensional graphics software for the Macintosh) (product announcement)

Belleville, Lauren

Computer Graphics World, v14, n2, p21(2)

Feb, 1991

DOCUMENT TYPE: product announcement ISSN: 0271-4159 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 644 LINE COUNT: 00049

TEXT:

...Dream Inc. (Woodside, CA) has introduced Ray Dream Designer, a 3D graphics environment for the **creation** of **high - resolution** (2048-by-1366 **pixels**), **photo**-realistic, 24-bit color renderings on a Macintosh.

15/3,K/168 (Item 56 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05087248 SUPPLIER NUMBER: 09326000 (USE FORMAT 7 OR 9 FOR FULL TEXT)

You can have it all. (Kodak's new technology)

England, Robert Stowe

Financial World, v160, n2, p50(2)

Jan 22, 1991

ISSN: 0015-2064 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1382 LINE COUNT: 00103

... electronic images. These can, in turn, be manipulated, sent over telephone lines and through computer **networks** . The technology also **converts** electronic **images** back into chemical-based **images** and **high - resolution photographs** .

And quicker than you can say instant picture, Kodak had found a way to leverage...

15/3,K/169 (Item 57 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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04881330 SUPPLIER NUMBER: 08784042 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Autotracing saves time and talent. (Software Review) (Adobe Systems Inc's Adobe Streamline, Mitsubishi International Corp's QuickTrace) (evaluation)

Mendelson, Edward

PC Magazine, v9, n15, p274(2)

Sept 11, 1990

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1713 LINE COUNT: 00133

... don't need Streamline. But if you're using Adobe Illustrator, or working with files **created** by a very- **high - resolution** scanner, or simply **converting bitmapped images** to vector-based .EPS, Streamline may be just what you need.

Few Windows applications are...

15/3,K/170 (Item 58 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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04165210 SUPPLIER NUMBER: 07858862 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Macintosh color displays.

Serlin, Karen Moody

Computer Graphics World, v12, n11, p69(6)

Nov, 1989

ISSN: 0271-4159 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4156 LINE COUNT: 00311

... Mac environment.

In other platforms, resolution typically refers to the amount of detail within an **image** of a given size. In that context, **higher resolution translates** to greater detail within that **image** . By contrast, Mac systems use a consistent number of **pixels** to represent an image of a given size, so more pixels means greater size and...

15/3,K/171 (Item 59 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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03925509 SUPPLIER NUMBER: 07312352 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Springboard Publisher: A taste of DTP, not a main course. (Software Review) (Springboard Software's Springboard Publisher) (evaluation)

Simone, Luisa

PC Magazine, v8, n12, p46(1)
June 27, 1989

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 796 LINE COUNT: 00063

... products. For example, the program will not automatically hyphenate words, will not allow global formatting **changes** , and will accept only **low - resolution bitmapped images** . In order to make high-quality typefaces available for printing, you must use Springboard Publisher...

15/3,K/172 (Item 60 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03916073 SUPPLIER NUMBER: 07599051 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DisplayForm II. (Software Review) (one of 17 evaluations of forms generation packages in 'Forms software fills in the blanks') (evaluation)
Kendall, Robert
PC Magazine, v8, n11, p146(2)
June 13, 1989
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 979 LINE COUNT: 00073

... want to edit a scanned .PCX file in the program's graphics editor, you must **convert** it to a screen- **image** file first, thus sacrificing the **high resolution** of the original.

Since the graphics editor is intended to handle scanner files, it is **pixel** oriented and thus is much less useful for forms creation than are editors that work...

15/3,K/173 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02287628
HUMMINBIRD'S AMAZING TCR COLOR-1 THE WORLD'S FIRST EIGHT-COLOR DEPTH SOUNDER FOR ANY BOAT
News Release July 26, 1989 p. 1

... does Humminbird make a color unit that's so streamlined? TFT technology. Over 114,000 **pixels** , each controlled by an individual Thin Film Transistor (TFT), **create** a brilliant, **high - resolution** , eight-color **picture** . The TFT color screen enables Humminbird to build a compact depth sounder that's only...

15/3,K/174 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02001953
THE NEW TCR COLOR-1 FROM HUMMINBIRD. ALL THE BENEFITS OF COLOR FOR FRESHWATER FISHING. WITH TCR TECHNOLOGY.
News Release July 28, 1988 p. 1

... possible. TFT technology puts color in the right format for

freshwater fishermen. Over 115,000 **pixels** , each controlled by an individual Thin Film Transistor, **create** a brilliant, **high - resolution** , eight-color **picture** . TFT technology puts color in a streamlined, flat format that's ideal for freshwater depth...

15/3,K/175 (Item 3 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01892294

MAXVIEW D/A MODULE

News Release February 8, 1988 p. 1

... MaxVideo family of real time Digital Signal Processors. MAXVIEW D/A display buffer board stores **high - resolution** digital video **images** up to 1280 by 1024 **pixels** . The digital-to-analog **conversion** board incorporates circuitry that handles timing and enables users to insert graphics overlays over screen...

15/3,K/176 (Item 4 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01883539

Raytheon Announces Thermal Recorder Upgrade

News Release January 19, 1988 p. 1

... levels from 16 to 64, and up to 256 levels can be displayed using "super **pixels** ." Virtually continuous tonal **images** combine with **high resolution** to **create** graphic presentations of near- **photographic** quality.

Full text available on PTS New Product Announcements.

...

15/3,K/177 (Item 5 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01629123

Photographic Equivalent Images Created by PC Based Desktop Publishing Software.

NEWS RELEASE February 16, 1987 p. 11

... of professional quality galleys or flim. Size/Resolution independence means that all graphics and digitized **images** are automatically scalped to the **highest resolution** to the output device.

CyberMerge - TARGA merges files **created** by the AT&T TARGA video capture system. The TARGA system captures frames from video...

15/3,K/178 (Item 6 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01618266

Photographic Equivalent Images Created by PC Based Desktop Publishing Software.

... of professional quality galleys or film. Size/Resolution independence means that all graphics and digitized **images** are automatically scaled to the **highest resolution** of the output device.

CyberMerge - TARGA merges files **created** by the AT&T TARGA video capture system. The TARGA system captures frames from video...

15/3,K/179 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02357943 SUPPLIER NUMBER: 58243256 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tip of the Month.(Technology Tutorial)

Whipple, Larry C.

e-Business Advisor, 17, 12, 44

Dec, 1999

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1541 LINE COUNT: 00121

... makes the client agent work harder to resize the image. It does this by removing **pixels**, not by making them smaller. Where graphics on the **Web** are concerned, **higher resolution** isn't better.

Beware of anti-aliased **images**. Anti-aliasing is the process of **creating** an optical illusion by changing **pixel** colors next to each other so that a smoother appearance is created when the graphic...

15/3,K/180 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02260194 SUPPLIER NUMBER: 53287239 (USE FORMAT 7 OR 9 FOR FULL TEXT)

A Strong Batch of DeBabelizer: Tips for Automating the Ultimate Image-Manipulation Utility.(Product Information)

Heid, Jim

Macworld, 107(1)

Jan, 1999

ISSN: 0741-8647 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2002 LINE COUNT: 00156

... your company's sales force to plop into presentations and word processing documents. For the **Web**, you'll need to **convert** your original, **high - resolution TIFF images** into JPEG format. You'll also need to lighten the images slightly so they display...

15/3,K/181 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02227673 SUPPLIER NUMBER: 21088711 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Ten High-Quality Digital Cameras Put to the Test by.(Olympus America's D-600L, Canon's PowerShot A5) (Hardware Review)(Evaluation)

McClelland, Deke

Macworld, v15, n10, pNA(1)

Oct, 1998

DOCUMENT TYPE: Evaluation ISSN: 0741-8647 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 3093 LINE COUNT: 00227

... acting as the digital equivalent of film. In most cases, the resolution of the CCD translates directly to the **highest - resolution image** the camera can produce. Some of the **pixels** around the outside of the CCD get masked away, but otherwise, a **pixel** on the CCD translates to a **pixel** in the captured **image**. As a rule of thumb, a **higher - resolution** CCD captures better **pictures** and costs more money.

Technically, a camera earns the label megapixel only if the CCD...

15/3,K/182 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02134654 SUPPLIER NUMBER: 19988396 (USE FORMAT 7 OR 9 FOR FULL TEXT)

InterSep, MediaBank to embed Kodak CMS. (Archetype licenses Color Management System) (Company Business and Marketing) (Brief Article)

Seybold Report on Publishing Systems, v27, n5, p53(1)

Nov 17, 1997

DOCUMENT TYPE: Brief Article ISSN: 0736-7260 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 191 LINE COUNT: 00019

... technology with MediaBank will allow color-corrected previews to be generated and viewed in a **network** environment, facilitating editorial and **creative** decision-making.

The newly ICC-enabled InterSep **servers** will tag **high - resolution** files with appropriate input profiles, for **Photo** CD or a particular scanner, and **create** folders for output to specific devices, including printers, proofers and CMYK for offset printing. InterSep...

15/3,K/183 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02122513 SUPPLIER NUMBER: 20017202 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Web Graphics Without the Wait. (Black Diamond Surround Video 2.0, Live Picture RealSpace Image Server) (Software Review) (Evaluation)

Williams, Geoffrey

PC/Computing, v10, n12, p191(1)

Dec, 1997

DOCUMENT TYPE: Evaluation ISSN: 0899-1847 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 647 LINE COUNT: 00051

... 0 and Live Picture's RealSpace Image Server.

Surround Video 2.0 is great for **creating** panoramic, multimedia-filled images, while RealSpace **Image Server** is ideal for viewing **high - resolution images** quickly, allowing you to zoom in on just the parts of an image you want...

15/3,K/184 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02112609 SUPPLIER NUMBER: 19909185 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Color ink jet printers. (evaluations of 25 personal ink jet printers)

(includes related article on benchmark test results, the use of digital cameras, scanners and printers, and the quality of ink jet output) (one of three evaluations of personal ink jet, laser and multifunction printers searchable under 'Personal printers') (Hardware Review) (Cover Story) (Evaluation)

Brown, Bruce; Poor, Alfred

PC Magazine, v16, n19, p111(17)

Nov 4, 1997

DOCUMENT TYPE: Cover Story Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9086 LINE COUNT: 00692

... by 10 inches simply doesn't have enough digital data in it to print without **pixelization**, where the individual **pixels** create a blocky effect. Most scanners will let you scan **images** at **higher resolutions** than cameras offer, but file sizes (and print times) can get inordinately bloated.

The emerging...

15/3,K/185 (Item 7 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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02097363 SUPPLIER NUMBER: 19671184 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Point, shoot and download. (Canon Computer Systems' PowerShot 350 and

Epson's PhotoPC 500 cameras) (Hardware Review) (Evaluation)

Greenman, Catherine

Home Office Computing, v15, n8, p40(2)

August, 1997

DOCUMENT TYPE: Evaluation ISSN: 0899-7373 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 650 LINE COUNT: 00053

... disposable cameras. The two we reviewed, Canon's PowerShot 350 and Epson's PhotoPC 500, create **high - resolution** (640 by 480 **pixels**) **images** for uploading to your **Web** site, but when printed, the results are less than spectacular.

The Canon PowerShot 350 stores...

15/3,K/186 (Item 8 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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02094358 SUPPLIER NUMBER: 19701819

Vector illustrations go GIF. (Technology Tutorial) (Tutorial)

Venit, Sharyn

Publish, v12, n9, p89(3)

Sep, 1997

DOCUMENT TYPE: Tutorial ISSN: 0897-6007 LANGUAGE: English

RECORD TYPE: Abstract

...ABSTRACT: uses interlaced images that need not be completely downloaded before the user can view them; **images** display at **low resolution** and gradually become sharper. Step-by-step instructions for **creating** a typical **Web** button as a GIF file for Illustrator 7.0, FreeHand and CorelDraw 7 are presented...

15/3,K/187 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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02087795 SUPPLIER NUMBER: 19609297 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Compression progression. (MCI Communications' and Altamira Group's The
Genuine Fractals image compression software) (Product Announcement)**
Biagi, Susan
Network VAR, v5, n7, p16(2)
July, 1997
DOCUMENT TYPE: Product Announcement ISSN: 1082-8818 LANGUAGE:
English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1246 LINE COUNT: 00102

... It throws away the pixels and substitutes mathematical algorithms.
JPEG does not. It interpolates the **pixels**. (Fractalbased) mathematical
encoding allows a small file to grow to whatever size." To **create a high
- resolution image** for output, a prepress or print production house
typically requires high-resolution images for input...

15/3,K/188 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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02077153 SUPPLIER NUMBER: 19528615 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Seybold debuts tools for handling graphics. (graphics/imaging utility,
paint software, image processing software, font management software, draw
software and multimedia authoring software) (Product Announcement)**
Seybold Report on Internet Publishing, v1, n9, p27(4)
May, 1997
DOCUMENT TYPE: Product Announcement LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 4038 LINE COUNT: 00320

... version in Xpress to set factors for cropping, scaling, rotation,
ghosting, color-correction, separation and **conversion** factors in a header
that the Xtension writes to the **low - resolution** version of the **image**
generated by the **server**. That header then sets instructions for the
server to apply to the high-resolution version...

15/3,K/189 (Item 11 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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02055503 SUPPLIER NUMBER: 19306799 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Color printer controllers. (Seybold San Francisco '96 report part
II) (Product Announcement)**
Seybold Report on Publishing Systems, v26, n3, pS41(3)
Oct 14, 1996
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 2964 LINE COUNT: 00239

... server to improve workflows involving high-resolution color
graphics. With the OPI workflow, after an **image** is scanned, the **high -
resolution** version is stored on the OPI **server**, which automatically
creates a low-resolution FPO version (for position only). The FPO is used
for placement, cropping...

15/3,K/190 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02018999 SUPPLIER NUMBER: 18995410
**Color and beyond. (recent demand for high quality printing on Sun
Microsystems systems) (includes related article on high-end monitors)
(Industry Trend or Event) (Cover Story)**
Tucker, Michael Jay
SunExpert, v7, n12, p44(6)
Dec, 1996
DOCUMENT TYPE: Cover Story ISSN: 1053-9239 LANGUAGE: English
RECORD TYPE: Abstract

...ABSTRACT: printing to include color printing, even across networks, and
with such high-tech devices as **high - resolution photo** -realistic
printers. The growth results from a **changing** market of users. **Network**
users such as technicians and engineers suddenly are using applications
that call for photo-realistic...

15/3,K/191 (Item 13 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01984144 SUPPLIER NUMBER: 18639333 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**From printed page to home page. (software conversion tools) (Product
Information)**
Harrel, William; Sawyer, Scholle
MacUser, v12, n11, p119(4)
Nov, 1996
ISSN: 0884-0997 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2580 LINE COUNT: 00199

... FrameMaker layout so that all images were in-line.
Our graphics also required some work. **WebMaker** does not render **low
- resolution** versions of **images**, although it does **convert** them to GIF.
The **WebMaker** documentation suggests using FrameMaker's Variable script
command to import two versions of the image...

15/3,K/192 (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01984139 SUPPLIER NUMBER: 18639328 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Digital cameras exposed. (evaluation of nine digital cameras) (includes
related article on using digital images in Web sites) (Hardware
Review) (Evaluation)**
Fraser, Bruce
MacUser, v12, n11, p90(8)
Nov, 1996
DOCUMENT TYPE: Evaluation ISSN: 0884-0997 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4526 LINE COUNT: 00335

... Each camera fell into one of three categories: consumer
point-and-shoot cameras, which produce **low - resolution** (320 x 240

pixels standard) **images** ; midrange cameras, which **create** images with a resolution of 640 x 480 **pixels** or higher; and megapixel cameras, which use over a million pixels for creating images.
All...

15/3,K/193 (Item 15 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01979361 SUPPLIER NUMBER: 18524411 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Plug in, GIF out. (Digital Frontiers HVS WebFocus graphics compression tool) (Brief Article) (Product Announcement)

Martin, James A.

Macworld, v13, n9, p43(1)

Sep, 1996

DOCUMENT TYPE: Brief Article Product Announcement

ISSN: 0741-8647

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 87 LINE COUNT: 00010

TEXT:

...HVS PhotoGIF, which reduces GIF files by as much as 70 percent and lets you **create** basic animations for **Web** pages using **images** in progressive GIF format. HVS PhotoGIF downsamples **high - resolution** 24-bit **images** to the **Internet** 's 8-bit color GIF standard with minimal quality loss.

15/3,K/194 (Item 16 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01951850 SUPPLIER NUMBER: 18414860 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Polaroid PDC-2000. (digital camera) (Hardware Review) (Evaluation)

Oldano, Rick

MacUser, v12, n8, p42(1)

August, 1996

DOCUMENT TYPE: Evaluation

ISSN: 0884-0997

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1020 LINE COUNT: 00081

... and trade point-and-shoot ease of use and prices around \$1,000 each for **images** of **lower** quality and **resolution** . The PDC-2000 stakes out the middle ground, **creating** impressive images from a 1,200-x-1,600- **pixel** CCD but with a price (under \$4,000 for the model we tested) far lower...

15/3,K/195 (Item 17 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01935148 SUPPLIER NUMBER: 18142765 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A guide to getting great line art. (includes related article on manipulating gray scale into line art) (Technology Tutorial)

Roth, Steve

Macworld, v13, n5, p132(2)

May, 1996

ISSN: 0741-8647

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1169 LINE COUNT: 00089

... tools you're using.
Resolution Enhancement

Usually, adding pixels to a scan based on the **pixels** that are already there is useless. This technique is the primary exception; it **converts** information in the gray-scale scan into **higher - resolution** line art. Scan an **image** at your scanner's **highest** optical **resolution** (say, 300 ppi). In Photoshop's **Image** Size dialog box, upsample it to twice the resolution (600 ppi). Turn off Constrain File...

15/3,K/196 (Item 18 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01921557 SUPPLIER NUMBER: 18171498 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fast and easy Web graphics. (CorelXara) (Software Review) (Evaluation)
Will-Harris, Daniel
PC/Computing, v9, n5, p93(1)
May, 1996
DOCUMENT TYPE: Evaluation ISSN: 0899-1847 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 524 LINE COUNT: 00049

... anti-aliasing, a technique that blends the edges of objects into their backgrounds. This blending **creates** an illusion of **high - resolution images** by eliminating the jagged, **pixelated** look of **low - resolution** graphics. **Images** you view and export are automatically anti-aliased without slowing your system's performance. As...

15/3,K/197 (Item 19 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01879656 SUPPLIER NUMBER: 17908584 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Layered layouts. (Graphics Close-Up) (using Specular International's Collage) (Product Information)
Long, Ben
MacUser, v12, n2, p104(2)
Feb, 1996
ISSN: 0884-0997 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1394 LINE COUNT: 00115

... files in your composition. Typical bitmap-editing programs give you control of each and every **pixel** in your image, which makes them great for **creating** artwork. But editing large, **high - resolution images** can tax even the fastest Macintosh.

Collage eases this processing burden by creating screen-resolution...

15/3,K/198 (Item 20 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01871565 SUPPLIER NUMBER: 17625890 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Web publishing equipment demonstrations. (Seybold San Francisco '95, Part I) (Industry Trend or Event)
Seybold Report on Publishing Systems, v25, n4, pS12(11)
Oct 23, 1995
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 11164 LINE COUNT: 00882

... resolution viewfiles to hold on the System 10 server. The Scitex Ripro Archiver tracks the **high - resolution images**. The Scitex Netdog **server** software **creates** HTML files out of PSImage files and organizes the files into envelopes. These envelopes can...

15/3,K/199 (Item 21 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01759359 SUPPLIER NUMBER: 16675345 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Monitoring business needs. (evaluation of nine 17-inch color monitors)

(Hardware Review) (Evaluation)

Gunn, Angela

Home Office Computing, v13, n2, p96(5)

Feb, 1995

DOCUMENT TYPE: Evaluation ISSN: 0899-7373 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3020 LINE COUNT: 00234

... thing.

Each unit handles 640 by 480, 800 by 600, and 1,024 by 768 **pixel** resolutions. A **pixel** is one group of three dots (red, blue, green) that **create** all **images** onscreen. The **higher** the **resolution** (that is, the more **pixels** on the screen), the more images you can cram onscreen. Each added pixel, however, requires...

15/3,K/200 (Item 22 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01742216 SUPPLIER NUMBER: 16004841 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tecsa scanner uses DCS file to save space, time; supported with all Level 2

RIPs. (Series TS2000 models)

Seybold Report on Publishing Systems, v24, n7, p19(1)

Dec 12, 1994

ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 372 LINE COUNT: 00027

... a high-resolution compressed file is accompanied by a low-resolution dcs viewfile, the opi **server** will not have to **create** the low-resolution view- file. The opi **server** instead passes **high - resolution** compressed **images** to the rip, which handles Group 4 decompression.

A prerequisite for this solution is a...

15/3,K/201 (Item 23 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01694726 SUPPLIER NUMBER: 16187332 (USE FORMAT 7 OR 9 FOR FULL TEXT)

New scanners, cameras, imagesetter lead Crosfield resurgence. (Crosfield's

CELSIS 6200 drum scanner, CELSIS 360 CCD transparency scanner, M400i

flatbed CCD scanner, CELSIS 130 and 160 digital cameras, Studio 3

entry-level workstation, and StudioStream software, among other new

products) (includes a related article on Crosfield's history) (Product

Announcement)

Eliezer, Caren; Edwards, Stephen E.
Seybold Report on Publishing Systems, v23, n18, p3(22)
June 13, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 16965 LINE COUNT: 01310

... from Studio systems.

StudioLink has developed into a PostScript gateway for processing all application files **created** in any desktop package to the Crosfield Studio, where **high - resolution images** would then be added to the page. **PixelLink** was added as an option to allow the high-resolution image files to be sent...

15/3,K/202 (Item 24 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01689861 SUPPLIER NUMBER: 15558347 (USE FORMAT 7 OR 9 FOR FULL TEXT)
XTensions and Additions. (add-on programs for Quark XPress, Aldus PageMaker) (Seybold Special Report: Seybold Seminars Boston '94, Part II)
Seybold Report on Publishing Systems, v23, n16, pS71(7)
May 10, 1994
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 6834 LINE COUNT: 00521

... click on an item to bring up an enlarged version.

Store12 also includes opi functionality, **creating** a pict version for **low - resolution** display. It keeps track of **images** on the **server** and accesses the **low - resolution** version for use in Xpress.

Although the final version wasn't expected to be released...

15/3,K/203 (Item 25 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01683980 SUPPLIER NUMBER: 15375706 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Color systems and software. (Seybold Special Report: Seybold Seminars Boston '94, part I) (Product Announcement)
Seybold Report on Publishing Systems, v23, n15, pS39(6)
April 22, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 7022 LINE COUNT: 00547

... FITS server took 11 minutes rather than 100 when run on the Quadra.

The FITS **server** handles the input of **high - resolution images** and **creation** of the FITS IVUE files for Live Picture on the Macintosh, which can be linked...

15/3,K/204 (Item 26 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01683968 SUPPLIER NUMBER: 15363576 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Editorial Systems Engineering (ESE). (sales of publishing systems to

Spanish newspapers) (Brief Article)

Seybold Report on Publishing Systems, v23, n15, p11(1)

April 22, 1994

DOCUMENT TYPE: Brief Article

ISSN: 0736-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 153 LINE COUNT: 00013

... both Atex- and TBase-generated text). ESE's opi page server, PageServer/2, will ease **network** traffic with automatic **creation** and substitution of **low - and high - resolution images** . WireBase and ESE's customized extension, CommBase, are also part of the agreement. * El Sol...

15/3,K/205 (Item 27 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01665212 SUPPLIER NUMBER: 15024902 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Game Blaster puts PC games on the big screen. (Spotlight on Hardware)

(Hardware Review) (After Hours) (Evaluation)

Greenberg, Jeff

PC Magazine, v13, n3, p425(1)

Feb 8, 1994

DOCUMENT TYPE: evaluation

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 374 LINE COUNT: 00027

... Blaster can handle VGA signals up to 640-by-480 with 256 colors. It automatically **converts** the signal to the **lower - resolution** TV standards. To reduce the **image** , however, Game Blaster throws away some of the extra **pixels** . As a result, on-screen objects that are only 1 pixel thick may disappear. This...

15/3,K/206 (Item 28 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01612628 SUPPLIER NUMBER: 14102573 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Darkroom on disk: Picture Publisher 4.0 beats PhotoShop. (Software Review)

(Micrografx Inc.'s image processing software) (Evaluation)

Taylor, Wendy

PC-Computing, v6, n9, p68(1)

Sept, 1993

DOCUMENT TYPE: Evaluation

ISSN: 0899-1847

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 515 LINE COUNT: 00039

... at a time--a process that's much quicker than trying to manipulate an entire **image** at once. Open an **image** at a **low resolution** (50 **pixels** per inch, for example), and **Picture** Publisher lets you experiment on it before applying **changes** to the full-size image--a notable omission in PhotoShop.

Working with text is simplified...

15/3,K/207 (Item 29 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01611633 SUPPLIER NUMBER: 14204046 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Purup to launch new RIPS, imagesetters. (Purup Prepress introducing new
raster image processors: the PS-Link 70/40 and 70/50, and Purup
ImageMaker 80/20 and 80/15) (Product Announcement)**
Seybold Report on Publishing Systems, v22, n22, p36(1)
August 9, 1993
DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 360 LINE COUNT: 00027

... In other company news, Purup has released version 2.0 of its
ImageLink Unix-based **server** that **converts high - resolution images**
to dcs format and **creates a low - resolution image** for page layout.
The new version features expanded configuration options and offline storage
capabilities as...

15/3,K/208 (Item 30 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01599651 SUPPLIER NUMBER: 13778855 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Dainippon Screen: venerable company heads in a new direction. (Dainippon
Screen Manufacturing Company Ltd.'s TaigaPress desktop publishing
software, TaigaEDGE phototypesetting system, DTS-1030AI and SG-7060
scanners) (includes related article on using Taiga Press system) (Company
Profile)**
Tribute, Andrew; Dyson, Peter
Seybold Report on Publishing Systems, v22, n14, p3(12)
April 5, 1993
DOCUMENT TYPE: Company Profile ISSN: 0736-7260 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 10687 LINE COUNT: 00826

... formats are then converted to pom. PostScript files are parsed to
extract object information. Embedded **high - resolution contones** are
saved in **image** objects, while the text and geometrical drawing commands
are **converted** into a proprietary vector format.
Coordinating all of this data will be the task of...

15/3,K/209 (Item 31 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01589002 SUPPLIER NUMBER: 13668847 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Japan: Fujitsu intros multimedia player for TV. (FM-Towns Marty) (Product
Announcement)**
Miyazawa, Masayuki 'Massey'
Newsbytes, NEW02170013
Feb 17, 1993
DOCUMENT TYPE: Product Announcement LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 404 LINE COUNT: 00030

... is also available for the player.
The Marty has Fujitsu's original full-digital video- **converter** chip
in its body. With this chip, the device supports **high resolution color
pictures** at a 640 by 480 **pixel** mode on a regular TV screen. As a result,
the retail price of this multimedia...

15/3,K/210 (Item 32 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01550351 SUPPLIER NUMBER: 13055707 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Front-end systems. (IFRA European newspaper equipment exhibit)
Joner, Urban; Solimeno, William J.; Tribute, Andrew
Seybold Report on Publishing Systems, v22, n6, p5(23)
Nov 30, 1992
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 19151 LINE COUNT: 01493

... stored on the same server as the text. Like the external OPI
functionality, the OPI **server** will automatically **create low -
resolution** files of incoming **photos** in a background process on the new
Alpha machines, making them available for makeup stations...

15/3,K/211 (Item 33 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01544756 SUPPLIER NUMBER: 12816709 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The tests: products, procedures and technologies. (results from tests of 20
color imagesetters)**
Eliezer, Caren
Seybold Report on Publishing Systems, v22, n2, p10(17)
Sept 28, 1992
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 12496 LINE COUNT: 01030

... final output.
Procedures with OPI. With the OPI workflow, this was the procedure:
(1) All **pictures** were loaded into the **Picture** database. **Low -
resolution** viewfiles were **created** automatically. When the **server**
received the files, they were automatically converted from a **pixel**
interleave to a plane interleave. This took all the image data and
reordered it from...

15/3,K/212 (Item 34 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01531635 SUPPLIER NUMBER: 12515244 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Text retrieval systems. (ANPA '92: midrange systems, color, output, digital
graphics, libraries)**
Solimeno, William J.; Tribute, Andrew; Karsh, Arlene E.; Joner, Urban;
Edwards, Stephen E.
Seybold Report on Publishing Systems, v21, n20, p39(3)
July 15, 1992
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2707 LINE COUNT: 00219

... picture desks or local scanners. Upon acquiring an image, the
software automatically samples it and **creates** a 128x128- **pixel** thumbnail
view.

Thumbnails and **high - resolution** **images** are compressed using

Radius's ImpressIt software. Data records for individual images include a thumbnail...

15/3,K/213 (Item 35 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01518764 SUPPLIER NUMBER: 12211708 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Where to find art: graphics and drawing tools. (Software Buyer's Guide:

Desktop Publishing) (Express Publisher, PageMaker, Ventura Publisher,

PagePlus, Microsoft Publisher) (Applications Focus)

PC Sources, v3, n6, p527(1)

June, 1992

ISSN: 1052-6579

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 852 LINE COUNT: 00069

... quickly manipulate such large files. Scanned, full-color images contain 24 bits of information per **pixel**, and often exceed 1MB. Only PageMaker, Ventura--and, suprisingly, Express Publisher--can generate a **low - resolution** version of the **image** for quick screen display, **create** a link from your document to the external file, and retrieve the original high-resolution...

15/3,K/214 (Item 36 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01503389 SUPPLIER NUMBER: 11987331 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Vendors tested. (Hardware Review) (one flatbed and 10 drum recorder-type

lPostScript imagesetters from 11 vendors are described and tested for speed on several printing jobs)

Joss, Molly W.; Edwards, Stephen E.; Joner, Urban; Rape, Phyllis; Dyson,

Peter E.; Banet, Bernard A.; Eliezer, Caren

Seybold Report on Publishing Systems, v21, n10, p13(20)

Feb 14, 1992

ISSN: 0736-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 9986 LINE COUNT: 00760

... another by Archetype and the third by Monotype itself. The company's own MGS3 OPI **server**, running on a Sun Sparcstation, **creates low - resolution** thumbnail sketches of **images** for screen display and adds some resource management functions, at a basic system cost of...system can come from any Macintosh system or from high-end scanners connected to the **network**. When images are stored, ImageLink **converts** them to DCS format and generates a **low - resolution image** for page makeup. Purup says it chose DCS instead of OPI because the latter doesn...

15/3,K/215 (Item 37 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01503388 SUPPLIER NUMBER: 11987329 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PostScript speed tests: focus on productivity issues. (introduction to

functioning and use of PostScript imagesetters; description of tests and

testing procedures applied to one flatbed and 10 drum recorder-type

PostScript imagesetters evaluated in a related article) (Buyers Guide)

Joss, Molly W.; Edwards, Stephen E.; Joner, Urban; Rape, Phyllis; Dyson,

Peter E.; Banet, Bernard A.; Eliezer, Caren
Seybold Report on Publishing Systems, v21, n10, p3(10)
Feb 14, 1992
DOCUMENT TYPE: Buyers Guide ISSN: 0736-7260 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 8350 LINE COUNT: 00630

... possible.

This would happen, for example, where you are scanning the image directly into an **image server**. The **server** then **creates** the **low - resolution** viewfiles and OPI callout commands that are placed onto the page by the layout program...

15/3,K/216 (Item 38 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01467861 SUPPLIER NUMBER: 11302591 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Some of the key french players today. (part of a series of articles on the French publishing and prepress industry)
Brunner, Laurel; Stern, Yves
Seybold Report on Publishing Systems, v21, n1, p21(7)
Sept 11, 1991
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4852 LINE COUNT: 00394

... The images are scanned on a professional drum scanner, then transferred and stored on the **server**. **High - resolution images** are then **converted** to **low - resolution TIFF images**, which can be displayed and manipulated on the Macintosh and integrated with text using PageMaker...

15/3,K/217 (Item 39 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01457502 SUPPLIER NUMBER: 11453720 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Color systems and software: Print '91 and the Seybold CPC. (Computer Publishing Conference) (overview of trade shows) (includes related article on organization of trade-show coverage) (Cover Story)
Seybold Report on Publishing Systems, v21, n4, p3(23)
Oct 23, 1991
DOCUMENT TYPE: Cover Story ISSN: 0736-7260 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 19012 LINE COUNT: 01476

... links into the Magnascan.

Images are scanned on the Magnascan and stored on the **PAT image server**. A **low - resolution** version of the **image** is **created** and passed via the StudioLink unit to the Macintosh environment. The page is made up...

15/3,K/218 (Item 40 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01436603 SUPPLIER NUMBER: 10903546 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CCI Europe, part II: the Champion family and other products. (Champion group of professional publishing software) (company profile)

Joner, Urban

Seybold Report on Publishing Systems, v20, n18, p9(29)

June 10, 1991

DOCUMENT TYPE: company profile ISSN: 0736-7260 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 21607 LINE COUNT: 01632

... called to ImageChamp, the complete image file is transferred to the workstation. CCI's standard **image** file format includes both the **high - resolution image** and a **low - resolution** version of the **image**. This obviously **creates** loads on the **network**, which is why CCI normally recommends having two separate networks--one for images and one...

15/3,K/219 (Item 41 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01430991 SUPPLIER NUMBER: 10706693 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Input/output. (Seybold Seminars '91, composition systems and output) (includes related article on the speed of PostScript)

Seybold Report on Publishing Systems, v20, n14, p11(10)

April 15, 1991

ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 8041 LINE COUNT: 00629

... 24-26.)

At the Seminars, the focus was on production aspects of the Color News **Network**. Monotype took **high - resolution images** from the **network**, stored them on the file **server** and **created** EPS files and viewfiles at the same time. Using OPI capabilities, comments were embedded to...

15/3,K/220 (Item 42 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01416915 SUPPLIER NUMBER: 09812945 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The 6th annual editors' choice awards. (MacUser's Eddy Awards for 1990 products)

MacUser, v7, n3, p97(16)

March, 1991

ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5710 LINE COUNT: 00468

... available for the Mac, ColorStudio 1.1, from Letraset, gives skilled digital artists the most **creative** power. ColorStudio has become the acknowledged leader for merging **high - resolution color photos**, video captures, **pixel** artwork, and PostScript type. Painting and selection tools can be customized for photo-retouching, masking...

15/3,K/221 (Item 43 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01376776 SUPPLIER NUMBER: 09485383 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Mac-to-prepress links. (Desktop Publishing) (includes related article on prepress systems' limit)

Baumann, Keith; Abernathy, Aileen

MacUser, v6, n11, p211(6)

Nov, 1990

ISSN: 0884-0997

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3531 LINE COUNT: 00284

... equipment is less expensive than high-end systems, the hourly rates are usually lower.

The **CyberChrome** system accepts files **created** in QuarkXPress, PageMaker, FreeHand, or Illustrator. Color **images** are input with **CyberChrome** 's **high - resolution** desktop scanner and color-corrected on a 386-based PC equipped with a Targa video...

15/3,K/222 (Item 44 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01367873 SUPPLIER NUMBER: 08679320 (USE FORMAT 7 OR 9 FOR FULL TEXT)

An inside look at scanners. (overview of articles on different types of scanners) (buyers guide)

Linzmayr, Owen W.

MacUser, v6, n9, p132(39)

Sept, 1990

DOCUMENT TYPE: buyers guide

ISSN: 0884-0997

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1845 LINE COUNT: 00144

... photodetectors. As light passes through a photographic transparency and strikes the photodetectors, the image is **translated** into thousands of **pixels** .

Because 35mm slides are continuous-tone **images** , the resulting scans are **high - resolution** , with excellent color fidelity and saturation. Slide scanners are better than flatbed scanners for color...

...photodetectors. As light passes through a photographic transparency and strikes the photodetectors, the image is **translated** into thousands of **pixels** .

Because 35mm slides are continuous-tone **images** , the resulting scans are **high - resolution** , with excellent color fidelity and saturation. Slide scanners are better than flatbed scanners for color...

15/3,K/223 (Item 45 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01328162 SUPPLIER NUMBER: 08819746

Mac art mart; browse through clip art from more than 50 companies. (buyers guide)

Fenton, Erfert

Macworld, v7, n10, p194(8)

Oct, 1990

DOCUMENT TYPE: buyers guide

ISSN: 0741-8647

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: are four basic categories for clip art for use on the Macintosh. The first is **bitmapped** , **images** that are **created** with a

low - resolution scanner or drawn into a **bitmapped** graphics program.
Bitmapped images have a resolution of 72 dots per inch (dpi), which can be improved by...

15/3,K/224 (Item 46 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01267808 SUPPLIER NUMBER: 07584649

On beyond HyperCard: two new products expand the Hypermedia universe.
(includes a related article on extending HyperCard) (Silicon Beach's
SuperCard and Format Software's Plus) (product announcement)

Stefanac, Suzanne

Macworld, v6, n6, p124(4)

June, 1989

DOCUMENT TYPE: product announcement ISSN: 0741-8647 LANGUAGE:
ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: new ways. SuperCard adds paint and drawing enhancements and provides object-oriented drawing tools for **creating high - resolution images** . The AutoTrace feature transforms **bitmapped** into object-oriented graphics. SuperCard also provides the ability to open more than one stack
...

15/3,K/225 (Item 47 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01249442 SUPPLIER NUMBER: 06745203 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Panasonic FX-B88-89 Fax Partner. (Hardware Review) (one of ten evaluations
of facsimile transmission add-in boards for PCs) (evaluation)

Raskin, Robin

PC Magazine, v7, n12, p202(3)

June 28, 1988

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1243 LINE COUNT: 00093

... resolution of the scanned image, even though fax transmissions are limited to 200 by 200 **pixels** or less. Since the images are bit-mapped **pixel to pixel** , when I transmitted with **higher resolution** , the **image was translated** as wider than 8-1/2 inches and was unacceptable. Panasonic should remove these inappropriate...

15/3,K/226 (Item 48 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01246445 SUPPLIER NUMBER: 06951107 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Making slides in-house: new film recorders can save your company time and money.

Fersko-Weiss, Henry

Lotus, v4, n9, p17(4)

Sept, 1988

ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1180 LINE COUNT: 00092

... desktop film recorders using analog, digital, or optomechanical technologies. In general, digital devices provide the **highest resolutions**. They **convert** screen **images** into **pixel** information, which can then be **converted** into images of any resolution up to 8,000 lines.

In contrast, analog film recorders...

15/3,K/227 (Item 49 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01210531 SUPPLIER NUMBER: 05154388 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Dedicated systems are best for companies pressed for time. (turnkey graphics systems as cheaper alternatives to minicomputer-based graphics systems)

O'Leary, Meghan

PC Week, v4, n35, p99(2)

Sept 1, 1987

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1245 LINE COUNT: 00100

... user can interface with a Scitex-system, from Scitex America Corp., of Bedford, Mass., which **creates** negatives from color-separated files. For **Image Express** users, " **high resolution** is the main thing," he said. **Networked Picture** offers 4,000-by-4,000-line raster-based resolution on its system.

A far...

15/3,K/228 (Item 50 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01176908 SUPPLIER NUMBER: 04322143 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Scanners: helping to shrink the office paper pile. (buyers guide)

Gabel, David

PC Week, v3, n33, p65(5)

Aug 19, 1986

DOCUMENT TYPE: buyers guide

ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2194 LINE COUNT: 00163

... sounds like a complication, but it should be noted that a 300-dpi scanner must **convert** the scanned data to a **lower resolution** if the **image** is to be displayed on normal CRT screens, which have less than 300-by-300- **pixel** resolution.

Scanner manufacturers offer a variety of added attractions to make them easy, or not...

15/3,K/229 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01623411 Supplier Number: 48362590 (USE FORMAT 7 FOR FULLTEXT)

Microvision and Saab Announce Acceleration of Commercial Development Program

PR Newswire, pN/A

March 17, 1998

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 717

... viewer's eye. By scanning a low power beam of light to "paint"
rows of **pixels** onto the eye, the VRD **creates** a **high resolution**
full-motion **image** without the use of electronic screens of any kind.
The company's objective is to...

15/3,K/230 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01097813 Supplier Number: 40661238 (USE FORMAT 7 FOR FULLTEXT)
**SPECTRUM INTERACTIVE'S 6.1 RELEASE OF ITS AUTHORING SYSTEM THE EDUCATOR
OFFERS NEW ANIMATION CAPABILITY**

News Release, p1
Jan 31, 1989

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 489

... Enhanced Graphics
Adapter (EGA) display modes. As a result, users can now capture and
incorporate **images** with more color and **higher resolution**
bitmapped
graphics, including those **created** with third-party paint or drawing
programs. In addition, the file management capability of the...

15/3,K/231 (Item 3 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01052953 Supplier Number: 40173074 (USE FORMAT 7 FOR FULLTEXT)
U.V. COMMUNICATOR

PR Newswire, pN/A
Sept 25, 1987

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1160

... in a television picture is redundant, Universal
Video Communications Corp. has demonstrated that it can **create** a
high - resolution picture using 240 lines containing 512 **pixels**
per
line as compared to resolution of 256 **pixels** by 240 lines, or less,
on which many of the similar products currently existing are...

15/3,K/232 (Item 4 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01026312 Supplier Number: 39757646 (USE FORMAT 7 FOR FULLTEXT)
**AMF LOGIC SCIENCES INTRODUCES NEW GRAPHICS PROCESSOR FOR SLIDE, PHOTO
PRESENTATIONS**

PR Newswire, pN/A

May 12, 1986
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 679

... the Turbograph 2100
via an Rs-232C serial data link. The Turbograph 2100 digital
controller **converts** the **image** to a **high - resolution**
(2,048 x 2,048
pixel) raster format, then passes it on to a digital film recorder,
which prints the image...

15/3,K/233 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04454504 Supplier Number: 56194189 (USE FORMAT 7 FOR FULLTEXT)
**MGI SOFTWARE: MGI Software donates technology to su support AIDS
fundraising campaign.**

M2 Presswire, pNA
Oct 11, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 625

... Memorial Quilt web-site raise awareness and funds for such a
important cause."
MGI Zoom **Server** technology **changes** the way images work on the
Internet . Zoom Serve closely **images** are **high - resolution** photos that
appear as quickly as low-resolution photos. Zoom Server images allow
visitors to...

15/3,K/234 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04386313 Supplier Number: 55217983 (USE FORMAT 7 FOR FULLTEXT)
INTERACTIVE PICTURES DEBUTS NIKON/IPIX DIGITAL CAMERA KITS.
Imaging Update, v10, n8, pNA
August, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 859

... camera kits featuring the new Coolpix 950 and 700, users of all
levels, from professional **photographer** to **photo** hobbyists can **create**
the **highest resolution** immersive **images** on the **Web** today in
seconds."

IPIX Camera Kits Are A Complete Package
From the IPIX Starter Kit...

15/3,K/235 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04383954 Supplier Number: 55194720 (USE FORMAT 7 FOR FULLTEXT)
CANON: Canon launches PowerShot A50 zoom lens mega pi pixel digital camera.

M2 Presswire, pNA
July 19, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 698

... hand. The camera is equipped with a high definition zoom lens and the CCD sensor **creates** full-colour, **high resolution** quality **images** up to 1280 x 960 **pixels** . The PowerShot A50 features a new internal buffer memory that enables pictures to be taken...

15/3,K/236 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04203930 Supplier Number: 54962764 (USE FORMAT 7 FOR FULLTEXT)
Electronic Submissions For New Product Applications To FDA.
Biomedical Market Newsletter, v9, n5, p29
May 31, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Refereed; Trade
Word Count: 1765

... use of grayscale or color because of file size. After scanning, avoid resampling to a **lower resolution** .

When **creating** PDF files containing **images** , you should not resample images. Resampling does not preserve all of the **pixels** in the original. Paper documents containing handwritten notes should be scanned at 300 dpi. Handwritten...

15/3,K/237 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04063054 Supplier Number: 54306967 (USE FORMAT 7 FOR FULLTEXT)
Out of the computer and onto the Screen.
Putman, Peter H.
Video Systems, pNA
Dec, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Tabloid; Trade
Word Count: 3183

... compatible. All you need is the appropriate cabling. Picture syncing is done automatically.

Slight of **Pixel Scan converting high - resolution images** down to standard 525-line video requires a lot of number-crunching and memory. Incoming...

15/3,K/238 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03977924 Supplier Number: 53015061 (USE FORMAT 7 FOR FULLTEXT)
SEAGATE: Background -- The technology behind the Advantix film drives.
M2 Presswire, pNA
Sept 16, 1998

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1371

... which creates a file size of 5.25 megabytes per picture)
* Low -- 500 x 875 **pixels** or 800 dpi (which **creates** a file size
of 1.3 megabytes per **picture**)
At **low resolution** , the film drives produce **images** suitable for
e-mail or image cataloging on a hard disc drive while maintaining a...

15/3,K/239 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03865608 Supplier Number: 48426629 (USE FORMAT 7 FOR FULLTEXT)
**-MICROVISION: Microvision delivers advanced helmet worn display for fighter
aircraft**
M2 Presswire, pN/A
April 16, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 673

... viewer's eye. By scanning a low power beam of light to "paint" rows
of **pixels** on to the eye, the VRD **creates** a **high resolution** ,
full-motion **image** without the use of electronic screens of any kind. The
company's objective is to...

15/3,K/240 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03852027 Supplier Number: 48378183 (USE FORMAT 7 FOR FULLTEXT)
This Week In Multimedia Software
Multimedia Week, v7, n12, pN/A
March 25, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 558

... aligns a series of photos from

existing photos, slides, digital cameras and video frames to

create a 360-degree panoramic **image** ; **Image Server** delivers

high - resolution FlashPix **images** for zooming in on fine details;

Object Modeler is a tool for creating 3-D...

15/3,K/241 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03852026 Supplier Number: 48378182 (USE FORMAT 7 FOR FULLTEXT)
This Week In Multimedia Hardware
Multimedia Week, v7, n12, pN/A

March 25, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 601

... www.ccsi.canon.com

PowerShot A5

Digital camera: Offers a 1/3-inch, 810,000 **pixel** CCD sensor that
createsfull -color, **high - resolution images** up to 1024x768
captured at 10 bits per channel. Features two levels of JPEG
compression...

15/3,K/242 (Item 10 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03847095 Supplier Number: 48364238 (USE FORMAT 7 FOR FULLTEXT)

Panasonic Announces Palm-sized DigiCam Camera 03/18/98

Newsbytes, pN/A

March 18, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 582

... sites."

High resolution quality gets lost in such situations because of the
small size of **photos** posted on the **Web** , said Gelb, while **higher**
resolutions (typically 1, 024 by 768 **pixels**) **create** larger file sizes.
Larger files increase download times, "a real concern to most Web users..."

15/3,K/243 (Item 11 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03820465 Supplier Number: 48291721 (USE FORMAT 7 FOR FULLTEXT)

EASTMAN KODAK: Background -- The technology behind new Kodak Advantix film drives

M2 Presswire, pN/A

Feb 13, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1351

... which creates a file size of 5.25 megabytes per picture)

* Low -- 500 x 875 **pixels** or 800 dpi (which **creates** a file size of
1.3 megabytes per **picture**)

At **low resolution** , the film drives produce **images** suitable for
e-mail or image cataloging on a hard drive while maintaining a small...

15/3,K/244 (Item 12 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03715601 Supplier Number: 48024899 (USE FORMAT 7 FOR FULLTEXT)
**EASTMAN KODAK COMPANY: Kodak color management system to be embedded in
archetype Intersep OPI servers**

M2 Presswire, pN/A

Oct 2, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 638

... high fidelity, closed loop tools integrated into user friendly applications."

The newly ICC enabled InterSep **servers** will now tag **high - resolution** files with appropriate input profiles, for **Photo** compact discs (CD) or a particular scanner, and **create** folders for output to specific devices, including printers, proofers, and CMYK for offset printing. InterSep...

15/3,K/245 (Item 13 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03467168 Supplier Number: 47148089 (USE FORMAT 7 FOR FULLTEXT)

-SHARP: Sharp introduces new digital MiniDisc data camera

M2 Presswire, pN/A

Feb 24, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 2635

... Connection" utility software that comes with the kit enables users to do "seamless composition" to **create** 360 \$B!# (J panorama shots or **high - resolution photo images** with the equivalent of 1 million **pixels** (when four separate images are combined).

* Connecting the MD-PS1 to the PC's printer...seamlessly compose new images on the PC based on separate captured images.

In addition to **creating** 360 deg panorama shots by seamlessly combining captured landscape **images**, users can compose and save **high - resolution photo images** of text information such as newspapers and timetables, with the equivalent of 1 million **pixels** (when combining four separate images) by seamlessly composing separate captured images into a single image...

15/3,K/246 (Item 14 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03335959 Supplier Number: 46857268 (USE FORMAT 7 FOR FULLTEXT)

SONY ELECTRONICS ANNOUNCES PHOTO-EDITING PROMOTION

Imaging Update, v7, n11, pN/A

Nov 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 672

... Digital Still Camera offers an unbeatable combination of features designed to enhance the productivity and **creativity** of business and graphics users. It captures sharp, **high - resolution images** at 640 x

480 **pixel** resolution in 24-bit color using a 350,000 square- **pixel** , progressive scan CCD. Up to 108 pictures can be stored in its built-in 4...

15/3,K/247 (Item 15 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03314329 Supplier Number: 46810175 (USE FORMAT 7 FOR FULLTEXT)

-SONY ELECTRONICS: Sony announces photo-editing bundle and free PC transceiver for DSC-F1 camera

M2 Presswire, pN/A

Oct 18, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 768

... Digital Still Camera offers an unbeatable combination of features designed to enhance the productivity and **creativity** of business and graphics users. It captures sharp, **high - resolution images** at 640 x 480 **pixel** resolution in 24-bit color using a 350,000 square- **pixel** , progressive scan CCD. Up to 108 pictures can be stored in its built-in 4...

15/3,K/248 (Item 16 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03267006 Supplier Number: 46705157 (USE FORMAT 7 FOR FULLTEXT)

Army To Get An Eyeful Of Virtual Retinal Displays 09/12/96

Newsbytes, pN/A

Sept 12, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 330

... s eye.

The VRD scans a low-power beam of light to "paint" rows of **pixels** directly onto the eye, **creating a high - resolution , full-motion image** without the use of screens or externally projected images, he said.

(19960912/Press Contact: Todd...

15/3,K/249 (Item 17 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03046302 Supplier Number: 46220615 (USE FORMAT 7 FOR FULLTEXT)

HEWLETT-PACKARD: HP advances Internet imaging with new open architecture and partner alliances

M2 Presswire, pN/A

March 13, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1304

... the RealSpace Image Server, a premier client/server solution for distributing, sharing, viewing and printing **high - resolution digital images** across the **Internet** . With RealSpace, **Web** designers can **create** an enhanced, interactive visual experience on their Web sites.

"The Imaging for Internet architecture is...

15/3,K/250 (Item 18 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02987925 Supplier Number: 46093840 (USE FORMAT 7 FOR FULLTEXT)
SILICON GRAPHICS: Silicon Graphics introduces powerful new technologies across entire product line
M2 Presswire, pN/A
Jan 26, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2052

... tools. Based on the Indy R5000 graphics workstations, IndyStudio is specifically designed for professionals who **create** interactive 3D and digital video content and retouch **high - resolution images** in print and **on - line** publications, interactive titles and animated features.
Silicon Graphics will offer three IndyStudio configurations that are
...

15/3,K/251 (Item 19 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02680312 Supplier Number: 45435246 (USE FORMAT 7 FOR FULLTEXT)
RADIUS DELIVERS NETWORKED COLOUR SCANNING, PRINTING AND PROOFING SYSTEM FOR WINDOWS AND MACINTOSH
M2 Presswire, pN/A
March 31, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1075

... over the network - so that users can edit the large, scanned files on the Splash **server** , **create low - resolution images** using OPI, and then share those **low - resolution** samples over the **network** , avoiding tying up the network with large file transfers.
Splash's unique colour correction ASIC...

15/3,K/252 (Item 20 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01371085 Supplier Number: 41702360 (USE FORMAT 7 FOR FULLTEXT)
KEY DEVELOPMENTS SIGNAL MULTIMEDIA COMPUTING EXPLOSION
Optical & Magnetic Report, v1, n12, pN/A
Dec, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1443

... format adapter with 640-by- 480 resolution with 256 colors. New driver also displays color **bitmaps** as gray scale **images** . Also, **low - resolution** 320-by-20 VGA supports 256 colors.
Ability to **create** custom application windows on Windows' control

panel.

Following its own drummer could prove to be...

15/3,K/253 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

08142295 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Microvision Wins Popular Science 'Best of What's New' Award

PR NEWSWIRE

November 09, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 570

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The viewer looks at a small...

15/3,K/254 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

07693336 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MGI SOFTWARE: MGI Software donates technology to support AIDS fundraising campaign

M2 PRESSWIRE

October 11, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 339

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Memorial Quilt web-site raise awareness and funds for such a important cause."

MGI Zoom **Server** technology **changes** the way images work on the **Internet**. Zoom Serve closely **images** are **high - resolution** photos that appear as quickly as low-resolution photos. Zoom Server images allow visitors to...

15/3,K/255 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

07001469 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Palm Computing Unveils Palm IIIe Organiser

COMPUTERS TODAY, p56

August 31, 1999

JOURNAL CODE: WCOT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3148

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... end professional cameras. The DSC-D700 features a high performance Progressive Scan 1.5 million **pixel** CCD. This will **create still images**

with **high** quality **resolution** (up to 1344 x 1024), which is excellent quality for printing or sending still images...

15/3,K/256 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

06746779 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Kleiner Perkins Caufield & Byers Leads \$14 Million Investment in Zing.com
BUSINESS WIRE
August 17, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 817

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the community, or kept private for family and friends. ZingAlbums include slideshows, guestbooks, discussion boards, **online image** editing and **high - resolution** printing. Many people use ZingAlbums to store **pictures** for eBay auctions.

You can also **create** ZingCard(tm) personalized photo-greeting cards -- using your own pictures or selections from the community...

15/3,K/257 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

06276048 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CANON: Canon launches PowerShot A50 zoom lens mega pixel digital camera
M2 PRESSWIRE
July 19, 1999
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 602

... hand. The camera is equipped with a high definition zoom lens and the CCD sensor **creates** full-colour, **high resolution** quality **images** up to 1280 x 960 **pixels**. The PowerShot A50 features a new internal buffer memory that enables pictures to be taken...

15/3,K/258 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

05028079 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New Concept in Gift Foods 'Rises' on the Internet
PR NEWSWIRE
April 20, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 447

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... throughout the United States, it was natural to make our specialty cakes available through the **Internet**."

The **Creative** Cakery **web** site at **www . creative -cakery.com** offers colorful, **high - resolution** **photos** of the dozens of specialty cakes for all occasions so the consumer can see exactly...

15/3,K/259 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

04812178 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Canon expands line of consumer digital cameras with Megapixel PowerShot A50
CANADA NEWSWIRE
March 30, 1999
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 852

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... compensation.
The PowerShot A50 incorporates a newly developed 1/2.7-inch, 1.31 million **pixel** CCD sensor that **creates** full-colour, **high - resolution images** up to 1280 x 960 **pixels** .
The camera also offers an optional 640 x 480 resolution setting that is ideal for...

15/3,K/260 (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

04523447 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Burr-Brown Announces CCD Signal Processor for Digital Camera Applications
BUSINESS WIRE
March 04, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 417

... mixed-signal integrated circuit (IC) providing signal conditioning and 10-bit analog-to-digital (ADC) **conversion** of CCD (Charge Coupled Device) **image** signals.

The VSP2101 is designed for **high resolution "mega pixel "** CCD arrays used in imaging systems such as digital video cameras, digital still cameras, PC...

15/3,K/261 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

04244537 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sony Introduces Ultra Personal 8.2-Pound LCD Projector Offering 600 ANSI Lumens of XGA Output
BUSINESS WIRE
February 05, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 700

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... button on either the projector or the remote, the projector will optimally align the image **pixels** with the panel, without requiring complicated adjustments. Further, Advanced Scan **Conversion** (ASC) technology using bilinear interpolation provides excellent **image** quality

for both **lower** and **higher resolution** signals scan **converted** to XGA resolution for display.

Acceptable signal formats for the VPL-XC50U are composite video...

15/3,K/262 (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

03764334 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Web Authoring For Video Developers
Sami Menefee
NEWSBYTES
December 11, 1998
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 496

...on a standard PC.

The MPEG-4 tools are scalable and can be used in **high - resolution** to **create** motion **pictures** and HDTV (high definition television) **images** or at **lower resolutions** to put **images** on the **Internet**, a company official told Newsbytes. They are compliant with the new draft standard of MPEG...

15/3,K/263 (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.
03636828 (USE FORMAT 7 OR 9 FOR FULLTEXT)
San Jose Mercury News, Calif., Talk Is Cheap Column
Chris Nolan, San Jose Mercury News, Calif.
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SAN JOSE (CALIF.) MERCURY NEWS)
December 03, 1998
JOURNAL CODE: KSJM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1133

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... into digital images to use on their computers.

The other line -- Zoom -- is used to **create** very- **high - resolution**, and therefore **high -quality, pictures** on **Web** sites. The technology is expected to be part of the next version of Microsoft's...

15/3,K/264 (Item 12 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.
03613240 (USE FORMAT 7 OR 9 FOR FULLTEXT)
British Telecom Pen-Sized Computer Will Feature Kopin CyberDisplay
BUSINESS WIRE
December 01, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 643

... handwriting into typed text. An executive model of the SmartQuill will offer high-quality optical **images** using Kopin's **CyberDisplay high resolution** imaging device. Kopin's **CyberDisplay** imaging devices **create** images that appear like those seen on a typical desktop PC

monitor. According to BT...

15/3,K/265 (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

02275652 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Live Picture Zoom Image Technology Selected by Microsoft for Inclusion In
Chromeffects Interactive Media Technology**
PR NEWSWIRE
July 21, 1998 9:49
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 613

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... develops and sells a complete solution of servers, tools, and viewers based on its Zoom **image** technology for **creating**, managing, and using **highly** detailed, multi- **resolution** FlashPix **images** for **network** and print applications. Leaders in the retail, entertainment, travel, real estate and publishing industries are...

15/3,K/266 (Item 14 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

01707443 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Microvision Announces Results for First Quarter
PR NEWSWIRE
May 14, 1998 16:16
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 929

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... viewer's eye. By scanning a low power beam of light to "paint" rows of **pixels** onto the eye, the VRD **creates** a **high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/267 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

00934777
Airport Planners Gain 3D Tool for ATC Simulation
Aviation Week & Space Technology May 11, 1998; Pg 82; Vol. 148, No. 19
Journal Code: AW ISSN: 0005-2175
Section Heading: INFORMATION TECHNOLOGY
Dateline: MOUNTAIN VIEW, CALIF.
Word Count: 1,165 *Full text available in Formats 5, 7 and 9*

BYLINE:
MICHAEL MECHAM

SPECIAL FEATURE:
... The tower's 12 controller consoles include 16-in. flat panel, LCD

touchscreen monitors. Software **changes** can simulate different control tower configurations.

Photograph : Twelve rear projection units with **high - resolution** (2,000 X 2,000 **pixels**) CRT projectors are used to display the tower view. They will not interfere with controllers...

15/3,K/268 (Item 2 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications
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00866182

RETINAL DISPLAY ADVANCES

Aviation Week & Space Technology July 21, 1997; Pg 15; Vol. 147, No. 3
Journal Code: AW ISSN: 0005-2175
Section Heading: INDUSTRY OUTLOOK
Word Count: 134 *Full text available in Formats 5, 7 and 9*

BYLINE:

COMPILED BY PAUL PROCTOR

TEXT:

... lightweight, helmet-mounted single-eye system uses scanning, low-power lasers to ``paint'' rows of **pixels** on the wearer's retina, **creating** a **high - resolution** , full-color **image** , according to A.J. Yarmie, Microvision aerospace marketing manager. The VRD will be integrated with...

15/3,K/269 (Item 3 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications
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00817369

A MODEL PAPERLESS LIBRARY: Simon & Schuster is at archiving's leading edge

Business Week December 23, 1996; Pg 80; Number 3507
Journal Code: BW ISSN: 0007-7135
Section Heading: Information Processing: INFORMATION MANAGEMENT
Word Count: 927 *Full text available in Formats 5, 7 and 9*

BYLINE:

By John W. Verity in New York

TEXT:

... a photo has been chosen, the archive tells another set of in-house systems to **create** a print-ready copy in just the right size and **image resolution** -- **high** for books, low for the **Web** , for instance. And the cost is now just \$6 or \$7 per item, which will...

15/3,K/270 (Item 4 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications
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0509291

CORNERSTONE IMAGING

IPO

S&P's Emerging & Special Situations August 25, 1993; Pg 1; New Issues Supplement
Journal Code: ESS ISSN: 0882-5440
Section Heading: SPOTLIGHT RECOMMENDATION
Word Count: 762 *Full text available in Formats 5, 7 and 9*

TEXT:

... pixels. A standard display subsystem is capable of displaying only one out of every nine **pixels**, thus more than 90% of the data is discarded. This **creates** poor image legibility and the need for **image** enhancement. Another problem is **created** by the **high resolution** and refresh rates of DIP monitors, which enhance the legibility of an image displayed on...

15/3,K/271 (Item 1 from file: 634)

DIALOG(R)File 634:San Jose Mercury

(c) 2003 San Jose Mercury News. All rts. reserv.

09837005

KATE MITCHELL LEAVES POST AT LIVE PICTURE

San Jose Mercury News (SJ) - Thursday, December 3, 1998

By: CHRIS NOLAN, MERCURY NEWS STAFF WRITER

Edition: Morning Final Section: Business Page: 1C

Word Count: 1,164

...into digital images to use on their computers.

The other line -- Zoom -- is used to **create** very- **high - resolution**, and therefore **high**-quality, **pictures** on **Web** sites. The technology is expected to be part of the next version of Microsoft's...

15/3,K/272 (Item 2 from file: 634)

DIALOG(R)File 634:San Jose Mercury

(c) 2003 San Jose Mercury News. All rts. reserv.

09618065

WHAT PUTS ISRAEL ON CUTTING EDGE OF TECHNOLOGY

San Jose Mercury News (SJ) - Tuesday, April 28, 1998

By: DAN GILLMOR, Mercury News Technology Columnist

Edition: Morning Final Section: Business Page: 1C

Word Count: 1,579

... s Jerusalem-based technical team is doing some extraordinary work on software for viewing and **creating** detailed, 3-D **Web** pages, letting people keep **high resolutions** as they zoom in on **pictures**.

GEO Interactive's ([http:// www .emblaze.com](http://www.emblaze.com)) Emblaze technology lets developers add audio, animation and video to Web pages. For...

15/3,K/273 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0821596 BW1078

CANON DIGITAL CAMERAS: Canon Announces New Digital Cameras Which Set Higher Standards for PC Photography

March 16, 1998

Byline: Business Editors & High-Tech Writers

...1 oz. size (excluding batteries).

The PowerShot A5 offers a 1/3-inch, 810,000 **pixel** CCD sensor that **creates** full-color, **high - resolution** **images** up to 1024x768 **pixels** captured at 10 bits per channel to produce the best 24-bit color image. The...

15/3,K/274 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0795890 BW1118

SONY ELECTRONICS: Sony Introduces 12.8-Pound XGA LCD Projector; Projector Offers 600 ANSI Lumens of True XGA Output at 16:9 or 4:3 Aspect Ratio

January 16, 1998

Byline: Business/Technology Editors

...the remote, and the projector will optimize itself for that signal by aligning the image **pixels** with the panel. No complicated adjustments are required. Advanced Scan **Conversion** (ASC) technology utilizing bilinear interpolation is employed to provide excellent **image** quality for **lower resolution** signals scan **converted** to XGA resolution for display. SXGA signals are also accepted through either ASC technology or...

15/3,K/275 (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0743959 BW0025

SYQUEST: SyQuest Announces OEM Relationship with Mediastore to Integrate Award-Winning Syjet Product

September 10, 1997

Byline: Business Editors/Computer Writers

...s Choice" in May 1997. Each cartridge houses 1.5 gigabytes of a person's **creativity**, including **website** content, **Internet** downloads, digital **photos**, games, **high - resolution** scans, graphic designs, audio and music mixes, and full-motion video capture, edits and playback...

15/3,K/276 (Item 4 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0534943 BW1201

SIEMENS: Animated graphics enliven Siemens home page; Interactive Quiz, Press Gallery among site highlights

November 15, 1995

Byline: Business/Computer Editors

...the site based on feedback, and will add new features, including a downloadable archive of **high - resolution photos**, to keep pace with the **changing** capabilities of the **internet** and the needs of journalists.

The Siemens web site was designed by poppe.com, the...

15/3,K/277 (Item 5 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0195237 BW251

MATHEMATICA: Mathematica announces new technology and partnerships for PC-based color image processing business

October 2, 1990

Byline: Business Editors/Computer Writers

...Mathematica Inc., makers of TEMPRA image processing software, announced new technology and partnerships to support **networked** PC users who want to **create**, edit and print **high resolution** color **image** files in a workgroup setting.

TEMPRA is the first PC-based software under \$500 that...

15/3,K/278 (Item 6 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0125021 BW639

MITSUBISHI ELECTRONICS: Mitsubishi Electronics America Inc. continues strong computer graphics emphasis

April 16, 1989

Byline: Business Editors And Computer Writers

...inch) and the G500 printer (240 dots per inch) produce color graphics by capturing and **converting high - resolution images** ranging from 640 x 480 up to 1280 x 1024 in **pixel** resolution.

The unit is compatible with most video sources that have pixel frequencies (video bandwidth...

15/3,K/279 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1289467

SFTU051

Microvision's Virtual Retinal Display(TM) Technology Wins 1998 Discover Magazine Innovation Award in Sight Category

DATE: June 9, 1998

12:27 EDT

WORD COUNT: 664

Bode Akintola19-Sep-03

...s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The viewer looks at a small...

15/3,K/280 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1231160 SFF003
Microvision Awarded Research Contract from Department of Defense

DATE: February 20, 1998 08:00 EST WORD COUNT: 512

...s eye. The VRD scans a low power beam of light to paint rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/281 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1139800 SFTH005
Microvision Announces Results for Second Quarter

DATE: August 14, 1997 08:00 EDT WORD COUNT: 1,054

...s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/282 (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1125358 SFW025
**Microvision Under Contract With Third Commercial Developer of
Helmet-Mounted Display Systems**

DATE: July 16, 1997 08:13 EDT WORD COUNT: 538

...s eye.

The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution**, full-motion **image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/283 (Item 5 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1112650 SFTU022
Microvision Contracted by Boeing Defense & Space Group for Technology

Demonstration System

DATE: June 17, 1997 00:15 EDT WORD COUNT: 440

...s eye. The VRD scans a low power beam of light to "paint" rows of **pixels** onto the eye, **creating a high resolution , full-motion image** without the use of electronic screens of any kind. The company's objective is to...

15/3,K/284 (Item 1 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

0987596 99-50434

H-P's Net unit comes into focus

Fernandes, Lorna

San Francisco Business Times (San Francisco, CA, US), V13 N4 p7

PUBL DATE: 980904

WORD COUNT: 196

DATELINE: Palo Alto, CA, US, Pacific

TEXT:

...Packard Co. has jumped anew on the Internet bandwagon.

The Palo Alto computer company has **created** a new division to develop software that **creates high - resolution images** on the **Internet** .

About 50 H-P employees are assigned to the new division, which is expected to...

15/3,K/285 (Item 2 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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0738507 96-97025

Microvision completes IPO

Baker, M Sharon

Puget Sound Business Journal (Seattle, WA, US), V17 N17 p12

PUBL DATE: 960906

WORD COUNT: 271

DATELINE: Seattle, WA, US, Pacific

TEXT:

...Retinal Display technology uses a low-power beam of colored light to pain rows of **pixels** directly on the retina of a viewer's eye.

Those **pixels** **create high - resolution , full-motion images** that appears without the use of a screen. The technology also can display data or...

15/3,K/286 (Item 3 from file: 635)
DIALOG(R) File 635:Business Dateline(R)
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0725827 96-84328

Intergraph announces new StudioZ Workstations

Frazier, Gary

Business Wire (San Francisco, CA, US) p1

PUBL DATE: 960806

WORD COUNT: 1,449

DATELINE: Huntsville, AL, US, South Central

TEXT:

...based graphics subsystem to achieve over 1.2 million lit, Z-buffered, Gouraud-shaded, 50- **pixel** 3D triangles per second, StudioZ workstations with RealizM 3D graphics enable CGI content **creators** to work with true-color, double-buffered **images** at **high resolutions**, suitable for the highest-quality 3D applications such as NewTek's Lightwave 3D and Softimage...

15/3,K/287 (Item 4 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0722349 96-80844

Microvision seeks \$16 million in stock offering

Baker, M Sharon

Puget Sound Business Journal (Seattle, WA, US), V17 N10 p3

PUBL DATE: 960719

WORD COUNT: 834

DATELINE: Seattle, WA, US, Pacific

TEXT:

...Retinal Display technology uses a low-power beam of colored light to paint rows of **pixels** directly on the retina of a viewer's eye.

Those **pixels** **create** a **high - resolution**, full-motion **image** that "appears" without the use of a screen. The technology also can display data or...

15/3,K/288 (Item 5 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0666555 96-23522

Silicon Graphics introduces powerful new technologies across entire product line

Henderson, Virginia

PR Newswire (New York, NY, US) s1 p1

PUBL DATE: 960122

WORD COUNT: 6,481

DATELINE: Mountain View, CA, US, Pacific

TEXT:

...Indy(TM) R5000(TM) graphics workstations also introduced today, are specifically designed for professionals who **create** interactive 3D content and digital video and retouch **high resolution images** for print and **on - line** publications, interactive titles and animated features.

"The use of highly realistic 2D and 3D graphics...

15/3,K/289 (Item 6 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

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0606088 95-62319

Intergraph announces Windows-based raster utilities software

Burch, John

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 950606

WORD COUNT: 393

DATELINE: Atlanta, GA, US

TEXT:

...PRO, its new Microsoft Windows 3.1 and Windows NT raster utilities software. Intergraph's **Pixel PRO** is a powerful graphics application for enhancing and **translating high - resolution raster images**. This production strength software can work with images of all sizes, from the smallest to...

15/3,K/290 (Item 7 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

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0559098 95-14713

Radius delivers networked color scanning, printing and proofing system for Windows and Macintosh

Toothman, Dina

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 950104

WORD COUNT: 1,227

DATELINE: San Francisco, CA, US

TEXT:

...over the network -- so that users can edit the large, scanned files on the **Splash server**, **create low - resolution images** using OPI, and then share those **low - resolution** samples over the **network**, avoiding tying up the network with large file transfers.

Splash's unique color correction ASIC...

15/3,K/291 (Item 8 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

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0168299 90-51797

Mathematica Announces New Technology and Partnerships for PC-Based Color Image Processing Business

Shepard, Robin

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 901002

WORD COUNT: 119

DATELINE: San Jose, CA, US

TEXT:

Mathematica Inc., makers of TEMPRA image processing software, announced new technology and partnerships to support **networked** PC users who want to **create** , edit and print **high resolution** color **image** files in a workgroup setting.

TEMPRA is the first PC-based software under \$500 that...

15/3,K/292 (Item 9 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

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0092150 89-15905

Mitsubishi Electronics America Inc. Continues Strong Computer Graphics

Emphasis

White, Amy; Stewart, Joan

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 890416

WORD COUNT: 741

DATELINE: Torrance, CA, US

TEXT:

...inch) and the G500 printer (240 dots per inch) produce color graphics by capturing and **converting high - resolution images** ranging from 640 x 480 up to 1280 x 1024 in **pixel** resolution.

The unit is compatible with most video sources that have pixel frequencies (video bandwidth...

15/3,K/293 (Item 10 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

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0068937 88-27166

Diverse Industries Try 'Image Processing'

Daniels, Donna

The Denver Business Journal (Denver, CO, US), V39 N51 s1 p18

PUBL DATE: 880919

WORD COUNT: 865

DATELINE: Denver, CO, US

TEXT:

...computer, where it is transformed or "digitized" into thousands of bits of electronic information called **picture** elements, or **pixels** .

Viewed on a **high - resolution** screen, the **image** can be enhanced by manipulating its **pixels** . Color can be **changed** or amplified, and elements of pictures can be removed or new elements added.

Electronic imaging...

15/3,K/294 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2003 The Gale group. All rts. reserv.

05185875 SUPPLIER NUMBER: 20924770 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Kodak DC210 digital camera.(Evaluation)
Drafahl, Jack; Drafahl, Sue
Petersen's Photographic, v27, n1, p45(2)
May, 1998
DOCUMENT TYPE: Evaluation ISSN: 0199-4913 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 891 LINE COUNT: 00069

... of either an affordable low-resolution or an expensive high-resolution camera. The DC210 has **changed** that: With an estimated retail price of \$899 and megapixel **image** quality, this camera now brings **high - resolution** digital **images** within the reach of most **photographers**

The new DC210 features a sharp 2X zoom lens and a 1152x864- **pixel** progressive-scan image sensor which can deliver impressive 5x7-inch photo-realistic output. For applications...

15/3,K/295 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2003 The Gale group. All rts. reserv.

04341535 SUPPLIER NUMBER: 17443511 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Digital library concepts and technologies for the management of library collections: an analysis of methods and costs.
Saffady, William
Library Technology Reports, v31, n3, p221(159)
May-June, 1995
ISSN: 0024-2586 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 71844 LINE COUNT: 06040

... inch than at 200 dots per inch. Labor requirements for the scanning portion of document **conversion** will increase correspondingly. Because **higher** scanning **resolutions** generate a greater number of **pixels** per **image**, storage requirements and costs for digital library implementations will rise. If the scanning resolution is...

15/3,K/296 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2003 The Gale group. All rts. reserv.

03019661 SUPPLIER NUMBER: 05174371 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Dedicated systems are best for companies pressed for time. (computer graphics)
O'Leary, Meghan
PC Week, v4, p99(2)
Sept 1, 1987
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1245 LINE COUNT: 00100

... user can interface with a Scitex-system, from Scitex America Corp., of Bedford, Mass., which **creates** negatives from color-separated files. For **Image Express** users, " **high resolution** is the main thing," he said. **Networked Picture** offers 4,000-by-4,000-line raster-based resolution on its system.
A far...

15/3,K/297 (Item 4 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2003 The Gale group. All rts. reserv.

02941662 SUPPLIER NUMBER: 04722682 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Unmasking a 'Mona Lisa' coverup. (computer image processing techniques used
to get an idea of how painting looked originally)**
Peterson, Ivars
Science News, v131, p152(1)
March 7, 1987
CODEN: SCNEB ISSN: 0036-8423 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 340 LINE COUNT: 00026

... the University of California at San Diego has spent the last few
years applying computer **image** processing techniques to a **high -
resolution photograph** of the painting.

The first **image** processing step required **converting** the photograph
into a digital image made up of 6 million **pixels** for each of the three
colors: red, green and blue. Then, Asmus and his colleagues...

| Set | Items | Description |
|-----|---------|---|
| S1 | 9 | AU=(CHAUVIN L? OR CHAUVIN, L?) |
| S2 | 141163 | RESOLUTION?(2N)(LOW??? OR HIGH???) |
| S3 | 15127 | S2(7N)(IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? OR PHOTOGRAPH?) |
| S4 | 47348 | BITMAP? OR CONTONE? OR PIXEL? OR PIXMAP? |
| S5 | 2320982 | EXTRAPOLAT? OR TRANSLAT? OR SIMPLIF? OR CREAT? OR MANUPULAT? OR CHANG? OR CONVERT? OR CONVERSION |
| S6 | 1440426 | ONLINE OR ON()LINE OR INTERNET OR INTRANET OR WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR LAN OR WAN OR SERVER? |
| S7 | 510 | S3(10N)S5 |
| S8 | 23 | S7(15N)S6 |
| S9 | 19 | S8 NOT PY>2000 |
| S10 | 17 | RD (unique items) |

? show file

File 2:INSPEC 1969-2003/Sep W1
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(c) 2003 ProQuest Info&Learning

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File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
(c) 2003, EBSCO Pub.

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(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Sep 18
(c) 2003 The New York Times

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(c) 2002 The Gale Group

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Aug
(c)2003 Info.Sources Inc

10/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6445074 INSPEC Abstract Number: A2000-03-8190-002

Title: Structure of misfit dislocations in niobium-sapphire interfaces and strength of interfacial bonding: an atomistic study

Author(s): Levay, A.; Mobus, G.; Vitek, V.; Ruhle, M.; Tichy, G.

Author Affiliation: Max-Planck-Inst. fur Metallforschung, Stuttgart, Germany

Journal: Acta Materialia Conference Title: Acta Mater. (UK) vol.47, no.15-16 p.4143-52

Publisher: Elsevier,

Publication Date: 12 Nov. 1999 Country of Publication: UK

CODEN: AMATEB ISSN: 1359-6454

SICI: 1359-6454(19991112)47:15/16L:4143:SMDN;1-7

Material Identity Number: G397-1999-015

U.S. Copyright Clearance Center Code: 1359-6454/99/\$20.00+0.00

Conference Title: Acta Materialia Workshop on 'Materials Science and Mechanics of Interfaces'

Conference Sponsor: Acta Metallurgica; Inst. Mech. & Mater.; US Army Res. Office; et al

Conference Date: 25-30 Oct. 1998 Conference Location: La Jolla, CA, USA

Document Number: S1359-6454(99)00273-6

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Experimental (X)

Abstract: The formation of networks of misfit dislocations is investigated at the (0001)(Al/sub 2/O/sub 3/) (111)/sub Nb/ interface using a recently proposed approach (Vitek et al., Phil. Mag. A. 1995, 71, 1219) which employs a very simple pair-potential to describe interaction between the metal and the substrate that contains the strength of interfacial adhesion as a parameter. The calculations demonstrate how the strength of bonding between the two materials decides both the form of the network and the atomic structure of the cores of these dislocations. At the same time, it reveals that diffusion is essential for the formation of the observed triangular **network** of 1/2(111) dislocations. The calculated structures are then used to investigate related **high resolution** electron microscope (HREM) **images** using a multislice technique. In these simulations **translational** symmetry along the electron beam was not assumed but for each slice of material along the beam different sub-structures were used. This allowed us to investigate fully the effect of the dislocation intersections upon the images of the dislocation cores. Their effect is, indeed, considerable if an intersection is in the region producing the image but if not, the images of the cores of misfit dislocations are affected only marginally and HREM can capture fine details of the core structure. A direct comparison of an experimental observation in Mayer and co-workers (Acta metall. mater., 1992, 40, S217; Scripta metall. mater., 1994, 31, 1097) with the present simulations demonstrates this ability. (49 Refs)

Subfile: A

Descriptors: adhesion; digital simulation; dislocation structure; interface structure; niobium; sapphire; transmission electron microscopy

Identifiers: Nb-Al/sub 2/O/sub 3/ interfaces; misfit dislocations; interfacial adhesion; bonding; atomic structure; triangular network; calculated structures; high resolution electron microscope images; multislice technique; translational symmetry; simulations; electron beam; sub-structures; Nb-sapphire interfaces; interfacial bonding; dislocation intersections; dislocation cores; Nb-Al/sub 2/O/sub 3/

Class Codes: A8190 (Other topics in materials science); A6170J (Etch

pits, decoration, transmission electron-microscopy and other direct observations of dislocations); A6848 (Solid-solid interfaces)

Chemical Indexing:

Nb-Al₂O₃ int - Al₂O₃ int - Al₂ int - Al int - Nb int - O₃ int - O int - Al₂O₃ bin - Al₂ bin - Al bin - O₃ bin - O bin - Nb el (Elements - 1,2,3)

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10/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6437340 INSPEC Abstract Number: B2000-01-6135-202, C2000-01-5260B-324

Title: Modular systolic array implementation for separable denominator 2-D block state-space digital filters based on reduced-dimensional decomposition

Author(s): Tsunekawa, Y.; Miura, M.

Author Affiliation: Fac. of Eng., Iwate Univ., Morioka, Japan

Journal: Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) vol.83, no.2 p.55-66

Publisher: Scripta Technica,

Publication Date: 2000 Country of Publication: USA

CODEN: ECJSER ISSN: 1042-0967

SICI: 1042-0967(2000)83:2L:55:MSAI;1-U

Material Identity Number: N562-1999-012

U.S. Copyright Clearance Center Code: 1042-0967/2000/020055-12

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P); Theoretical (T)

Abstract: The advances in integrated circuit technology and digital communication **networks** have led to increased demand for efficient, high-quality **conversion**, transmission, and coding of **high - resolution images**. Accordingly, a highly parallel two-dimensional digital filtering system based on an efficient parallel processing algorithm for two-dimensional digital filters is indispensable. In this paper, the problem of realization is treated for a systolic array of separable denominator 2-D block state-space digital filters based on a reduced-dimensional decomposition proposed earlier. A new systolic array is realized in which the circuit area is minimized by interchanging the columns and rows as a method of reducing the delay circuit, thereby making division and modularization possible. For the present realization method, a three-dimensional configuration is proposed to facilitate local communications. Finally, the performance of the present realization method is evaluated, and its effectiveness is demonstrated. (8 Refs)

Subfile: B C

Descriptors: image resolution; integrated circuit technology; modules; parallel algorithms; state-space methods; systolic arrays; two-dimensional digital filters; visual communication

Identifiers: modular systolic array implementation; 2D block state-space digital filters; separable denominator digital filters; reduced-dimensional decomposition; integrated circuit technology; digital communication networks; high-resolution image coding; high-quality image conversion; image transmission; parallel 2D digital filtering system; efficient parallel processing algorithm; circuit area minimization; delay circuit; local communications

Class Codes: B6135 (Optical, image and video signal processing); B1270F (Digital filters); B6140B (Filtering methods in signal processing); B1265F (Microprocessors and microcomputers); C5260B (Computer vision and image processing techniques); C5240 (Digital filters); C6110P (Parallel programming); C5130 (Microprocessor chips)

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10/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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5719909 INSPEC Abstract Number: A9722-9385-147, B9711-7710B-049,
C9711-7340-063

Title: Evolution and evaluation of a trainable cloud classifier

Author(s): Visa, A.; Iivarinen, J.

Author Affiliation: Lab. of Comput. & Inf. Sci., Helsinki Univ. of
Technol., Espoo, Finland

Journal: IEEE Transactions on Geoscience and Remote Sensing vol.35,
no.5 p.1307-15

Publisher: IEEE,

Publication Date: Sept. 1997 Country of Publication: USA

CODEN: IGRSD2 ISSN: 0196-2892

SICI: 0196-2892(199709)35:5L:1307:EETC;1-H

Material Identity Number: I341-97005

U.S. Copyright Clearance Center Code: 0196-2892/97/\$10.00

Document Number: S0196-2892(97)05502-2

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Theoretical (T)

Abstract: Neural network classifiers have recently been popular in image classification and remote sensing applications. In this paper a case study is reported, where the evolution started with a pure neural network based solution and reached a simplified classifier with a few neural network properties. This seems to be a typical evolution concerning neural **networks**. A multispectral cloud classifier was implemented to automate the interpretation of AVHRR (Advanced Very **High Resolution Radiometer**) **images**. It can be adapted to **changing** situations with new examples. This is a requirement in satellite image applications, hence changes in illumination, round the year, during day and night, and aging of electronics are possible. The classification is done in two phases, clouds are separated from the background and then only clouds are classified. The evaluation of the classifier is based on the comparison between the SYNOP observations and the satellite observations. Comparisons with other published results show that the classifier is working. (29 Refs)

Subfile: A B C

Descriptors: atmospheric techniques; clouds; geophysical signal processing; geophysics computing; image classification; learning (artificial intelligence); neural nets; remote sensing

Identifiers: atmosphere; meteorology; multispectral remote sensing; measurement technique; optical imaging; training; image classification; trainable classifier; cloud; neural network; neural net; AVHRR; Advanced Very High Resolution Radiometer; satellite remote sensing; SYNOP observations

Class Codes: A9385 (Instrumentation and techniques for geophysical, hydrospheric and lower atmosphere research); A9260N (Cloud physics); A9365 (Data and information; acquisition, processing, storage and dissemination in geophysics); B7710B (Atmospheric, ionospheric and magnetospheric techniques and equipment); B6140C (Optical information, image and video signal processing); C7340 (Geophysics computing); C5260B (Computer vision and image processing techniques); C5290 (Neural computing techniques); C6170K (Knowledge engineering techniques)

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10/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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5535786 INSPEC Abstract Number: C9705-1250-068

Title: 3-D object recognition independent of the translation and rotation using an ultrasonic sensor array and invariant moments

Author(s): Hyun-Chul Cho; Kee-Seong Lee; Geon Sa-Gong

Journal: Transactions of the Korean Institute of Electrical Engineers
vol.45, no.10 p.1494-9

Publisher: Korean Inst. Electr. Eng,

Publication Date: Oct. 1996 Country of Publication: South Korea

CODEN: CHNODD ISSN: 0254-4172

SICI: 0254-4172(199610)45:10L:1494:ORIT;1-H

Material Identity Number: C896-97001

Language: Korean Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: 3-D object recognition, independent of translation and rotation, using an ultrasonic sensor array, invariant moments and neural networks is presented. Using invariant moment vectors of the acquired 16*8 pixel data of square, rectangular, cylindrical and triangular objects, 3-D objects can be classified by SOFM (self-organizing feature map) neural networks. Modified SCL (simple competitive learning) neural networks using the 16*8 low resolution image were used for object restoration of 32*32 **high resolution image**. Invariant moment vectors are constant independent of the **translation** and rotation. The recognition rates for the training and the testing data were 96.15 and 92.3%, respectively. (8 Refs)

Subfile: C

Descriptors: image restoration; learning (artificial intelligence); object recognition; self-organising feature maps; ultrasonic transducer arrays; vectors

Identifiers: 3-D object recognition; ultrasonic sensor array; invariant moment vectors; neural networks; self-organizing feature map; simple competitive learning; low resolution image; object restoration; high resolution image; recognition rates

Class Codes: C1250 (Pattern recognition); C1230D (Neural nets); C1110 (Algebra); C1260 (Information theory)

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10/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5470022 INSPEC Abstract Number: B9702-7320R-004

Title: Online temperature conversion and the accuracy evaluation for low - resolution infrared satellite image (APT) of NOAA

Author(s): Fujimoto, T.; Miike, H.

Author Affiliation: Dept. of Electr. Eng., Ube Nat. Coll. of Technol., Japan

Journal: Transactions of the Institute of Electronics, Information and Communication Engineers B-II vol.J79B-II, no.11 p.933-40

Publisher: Inst. Electron. Inf. & Commun. Eng,

Publication Date: Nov. 1996 Country of Publication: Japan

CODEN: DTBTEU ISSN: 0915-1885

SICI: 0915-1885(199611)J79BII:11L:933:OTCA;1-C

Material Identity Number: M969-96013

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Based on the analysis of Nelson's chart-oriented method and HRPT calibration procedure, an automatic method for the conversion of low-resolution infrared channel data of NOAA APT to brightness temperature is proposed. By taking the fact that APT data has the same spatial resolution as HRPT at both end regions (region number 5) of two images into

account, the accuracy of the obtained brightness temperature is evaluated quantitatively in the temperature range between -40 and +25 degrees C. The resulting standard deviations at above and below 0 degrees C are 2 degrees C and 4-7 degrees C, respectively. Thus, the proposed method enables online processing of temperature conversion, and the application of APT to the measurement of sea and/or land surface temperature is possible. (13 Refs)

Subfile: B

Descriptors: calibration; image resolution; infrared imaging; temperature measurement

Identifiers: online temperature conversion; accuracy evaluation; low-resolution infrared satellite image; NOAA APT; Nelson's chart-oriented method; HRPT calibration; brightness temperature; sea surface temperature; land surface temperature; -40 to 25 degC

Class Codes: B7320R (Thermal variables measurement); B7730 (Other remote sensing applications in Earth sciences)

Numerical Indexing: temperature 2.33E+02 to 2.98E+02 K

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10/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4608720 INSPEC Abstract Number: C9404-7820-020

Title: MARC, a new methodology for art reproduction in colour

Author(s): Derrien, H.

Author Affiliation: LER, Thomson-CSF, Cesson-Sevigne, France

Journal: Information Services & Use vol.13, no.4 p.357-69

Publication Date: 1993 Country of Publication: Netherlands

CODEN: ISUDX8 ISSN: 0167-5265

U.S. Copyright Clearance Center Code: 0167-5265/93/\$06.00

Conference Title: Electronic Imaging and the Visual Arts (EVA)

Conference Date: July 1993 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: On its journey "from the painting on the wall to the picture in the book", the image sees its colour fidelity affected at several stages. This leads to difficult and expensive image retouching just before and during the printing process. The objective of the MARC project is to avoid these complex operations in proposing a new methodology for painting reproduction on printed material with accurate colours. The approach, described in this paper, consists in using a portable digital acquisition system for building a bank of **high resolution reference images**, **converted** into a device independent colorimetric format. The **server** of images thus set up, enriched with a set of applicative image processing programs, is used by the museums, the authors or the editors to select and create images which are eventually converted into a printable format. The MARC system is therefore expected to decrease the cost of catalogues and art books, as well as to improve the fidelity of the printed colours towards the originals' ones. (8 Refs)

Subfile: C

Descriptors: art; cataloguing; document image processing

Identifiers: methodology; art reproduction; colour; MARC; colour fidelity; image retouching; printing; painting reproduction; portable digital acquisition system; high resolution reference images; image processing programmes; catalogues; cost

Class Codes: C7820 (Humanities); C6160S (Spatial and pictorial databases); C7240 (Information analysis and indexing)

10/5/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02817625 INSPEC Abstract Number: B87013993

Title: Video telephony. Video conferencing at place of work

Author(s): Bucken, R.

Journal: Funkschau no.17 p.41-3

Publication Date: 14 Aug. 1986 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: A general report is given on the system developed by the Heinrich Hertz Institute in Berlin, distinguished by digitization and pseudostereo sound. The separate station consists of a 33 cm colour monitor, colour camera for face scan, black-and-white camera for reproduction of documents, directional microphone, 2 loudspeaker boxes and a control console. A block diagram explains the complex central exchange with A/D- and D/A **converters**, multiplexers and separate stores for a **high - resolution full image** or 3 coarse part **images**. Another schematic diagram describes the subscriber equipment and the overall conferencing **network**. (0 Refs)

Subfile: B

Descriptors: teleconferencing; videotelephony

Identifiers: ADC; DAC; videoconferencing; videotelephony; digitization; pseudostereo sound; colour monitor; colour camera; face scan; directional microphone; loudspeaker; control console; central exchange; multiplexers; high-resolution full image; coarse part images; subscriber equipment; conferencing network

Class Codes: B6210D (Telephony); B6210P (Teleconferencing); B6430J (Applications of television systems)

10/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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02776775 INSPEC Abstract Number: C87004536

Title: Online picture viewer GrafCon-ST. II

Author(s): Bass, P.

Journal: Antic: The Atari Resource vol.5, no.4 p.62-3, 95-7

Publication Date: Aug. 1986 Country of Publication: USA

CODEN: ANTCDR ISSN: 0745-2527

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: For pt.I see ibid., vol.5, no.3, p.67 (1986). In the previous article the author listed a program (GrafCon-ST) that **converts** ST **pictures** between **resolutions** (**low**, medium and high) and also **converts** ST **pictures** into the RLE (run length encoded) format used by CompuServe for their **online** high-resolution graphics. The RLE File Viewer program and the medium resolution converter functions in this article complete the GrafCon-ST program C-listings for the Atari are given. (0 Refs)

Subfile: C

Descriptors: C listings; computer graphics; personal computing

Identifiers: online picture viewer; GrafCon-ST; ST pictures; run length encoded; CompuServe; high-resolution graphics; RLE File Viewer program; medium resolution converter functions; C-listings; Atari

Class Codes: C6130B (Graphics techniques); C7830 (Home computing)

10/5/9 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00468738 97HC08-014

**Point, shoot, and download: digital cameras -- Canon PowerShot 350:
Epson PhotoPC 500**

Greenman, Catherine

Home Office Computing , August 1, 1997 , v15 n8 p41-42, 2 Page(s)

ISSN: 0899-7373

Company Name: Canon Computer Systems; Epson America

Product Name: Canon PowerShot 350; Epson PhotoPC 500

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B; C

Geographic Location: United States

Reviews two digital cameras: Canon PowerShot 350 (\$700) from Canon Computer Systems (714, 800) and Epson PhotoPC 500 (\$500) from Epson (310, 800). Says the PowerShot is configured with 2MB Compact Flash card, LCD panel, built-in flash, serial cable, and three AA-rechargeable NiCad batteries, while the PhotoPC is configured with 2MB Compact Flash card, built-in flash, serial cable, and four AA alkaline batteries. Says both cameras **create high - resolution (640 by 480 pixels) images** for uploading to your **Web** site. However, says printed results are less spectacular. Notes that the Powershot stores up to 11 images, as compared to 30 for the PhotoPC, and both connect to PCs via a serial cable and ship with image edge software. Recommends the PhotoPC for those who need to store a lot of images before downloading; however, recommends the PowerShot for sharper high-resolution images, LCD panel, and better image editing. Includes two product summaries. (smg)

Descriptors: Digital Camera; Image Processing; Image Management; LCD;
Web Sites; Photography; Editor

Identifiers: Canon PowerShot 350; Epson PhotoPC 500; Canon Computer Systems; Epson America

10/5/10 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003, EBSCO Pub. All rts. reserv.

00444592 96PH12-002

Using shockwave in a Web project -- Shocking the L.A. River

Sipes, James L; Smith, David

PC Graphics & Video , December 1, 1996 , v5 n12 p34-38, 4 Page(s)

ISSN: 1060-5282

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Presents techniques for using Shockwave to add compressed multimedia files when creating interactive Web pages. Uses the example of a project that designed a greenway along the L.A. River that included landscape architectural designs with compressed video, 2D and 3D animation, animated 2D sprites, still images, and text. Describes Shockwave as a plug-in that enables developers to create interactive **Web** pages by adding features such as compressed multimedia files, **high - resolution** bitmap **images**, and streaming audio files. Offers techniques for setting up Shockwave, **creating** a shocked movie, and manipulating speed and image size. Includes two charts and six screen displays. (phi)

Descriptors: Web Tools; Multimedia; Animation; Multimedia

10/5/11 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00430233 96MA07-310

Kodak CD-20 is a light, affordable digital camera

Fraser, Bruce

MacWEEK , July 22, 1996 , v10 n28 p28, 1 Page(s)

ISSN: 0892-8118

Company Name: Eastman Kodak

Product Name: Kodak DC-20

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Macintosh

Geographic Location: United States

Presents a favorable capsule review of the Kodak DC-20 (\$350), a digital camera from Eastman Kodak Co. of Rochester, NY (800, 716). Says it offers simple controls, a sharp and bright viewfinder, an instant-acting shutter release for capturing fast-moving subjects, and bundled software that comes with image-enhancement functions. Adds that it is designed to let nonprofessionals quickly and easily **create images** for **online** viewing. However, says its **low resolution** makes it marginally useful for print applications, and it has a small storage capacity. Calls it simple and powerful enough for novices. Rated four out of five points. (dpm)

Descriptors: Digital Camera; Hardware Review; Image Processing; Macintosh

Identifiers: Kodak DC-20; Eastman Kodak

10/5/12 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00423660 96PM05-038

Fast and easy Web graphics

Will-Harris, Daniel

PC/Computing , May 1, 1996 , v9 n5 p93, 1 Page(s)

ISSN: 0899-1847

Company Name: Corel

Product Name: CorelXara

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Microsoft Windows; CD-ROM Drive; 486-based PC

Geographic Location: United States

Presents a favorable review of CorelXara (\$189), a graphics program from Corel Corp. (800, 613). The program requires a 486-based PC or better with 8MB RAM, 8MB hard disk space, CD-ROM drive, and Windows 3.1 or 95. This is the first program to offer instant anti-aliasing to produce smooth on-screen images, making it a good choice for producing **Web** graphics. Anti-aliasing **creates** the illusion of **high - resolution images** by eliminating jaggies. The program is the only one available which can make any object transparent and it allows users to zoom to 25,601 percent. The program has limited text handling (it doesn't offer an automatic paragraph-wrap feature) and it doesn't support Pantone colors. The program is extremely fast, with fast redraws of even the most complex graphics and since it saves files in a proprietary compressed format, a file requiring

100K in CorelDraw 5 requires only 10K in CorelXara. Includes one screen display and one illustration. (djd)

Descriptors: Drawing; Graphics; Software Review; Window Software; CD-ROM

Identifiers: CorelXara; Corel

10/5/13 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00198901 89PK08-273

Desktop publishing

PC WEEK , August 21, 1989 , v6 n33 pS1-S26, 13 Pages

ISSN: 0740-1604

Languages: English

Document Type: Buyer and Vendor Guide

Geographic Location: United States

Presents a supplement on desktop publishing. Articles include ''

Networks **Change** the Face of Publishing'' (pS1, S10), ''More Color and **Higher Resolution** Brighten the Hardware **Picture**'' (pS1, S4), ''New Options Make Desktop Publishing Easier on the User'' (pS1), ''PCs Add Features to Mimic the Macintosh's Best Assets'' (pS3, S12), ''The Package Puzzle: Word-Processor or Page-Layout Software'' (pS3, S16), and ''Lower Prices Bring Color into the Mainstream'' (pS8). Features three tables: ''Page-Layout Software Under \$600'' (pS20), comparing nine features of 17 page-layout software packages from 15 companies; ''Third-Party Clip-Art Libraries'' (pS23), comparing five features of 23 clip-art library packages from 20 companies; and ''Laser Printers that Support Adobe PostScript'' (pS24), comparing 10 features of 27 laser printers from 13 companies. Includes three tables. (asl)

Descriptors: Desktop Publishing; Vendor Guide; Software; Library; Laser Printer

10/5/14 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06567199

Digital Rolls Out Server, Systems Software Solutions for The Enterpr\

WORLD: NEW ALPHASERVER MODELS FROM DIGITAL

LAN Asia (XEB) Dec 1997 P.43

Language: ENGLISH

The new AlphaServer models have been launched by Digital Equipment globally. They comprise of the AlphaServer 4000, AlphaServer 800 and AlphaServer 1200. The AlphaServer 4000 is a database, media and LAN server which runs at 533MHz speed and comes with 8GB of memory. The server is utilised by technical and scientific users in 3D rendering, CAD and GIS environments. The AlphaServer 4000's entry configuration is two SMP (symmetric multiprocessors), with an upgrade path to four SMP processors and includes 16 64-bit PCI slots for investment protection and expansion. The AlphaServer 800 operates at 500MHz speed, offers 2GB maximum memory support, 4.3GB storage and integrated onboard SCSI providing 80Mbps transfer rate. The server is a workgroup communications server which is created for Intranet, mail and messaging applications that supports up to 4,000 Microsoft Exchange users. The AlphaServer 1200 is a dual-processor which uses 64-bit technology, dual power supply and 7 hot drives. The **server** is designed for **Internet** applications like **Web** pages **creation** with **high - resolution images** , video and voice; multimedia encryption

and compression.

COMPANY: INTERNET; MICROSOFT; DIGITAL EQUIPMENT

PRODUCT: Minicomputers (3573MN);

EVENT: Product Design & Development (33);

COUNTRY: General Worldwide (0W); United States (1USA);

10/5/15 (Item 1 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00113872 DOCUMENT TYPE: Review

PRODUCT NAMES: OpenPix Windows NT & UNIX (736741)

TITLE: OpenPix tackles high res

AUTHOR: Pearlstein, Joanna

SOURCE: eMedia Weekly, v13 n1 p16(2) Jan 4, 1999

ISSN: 0892-8118

HOME PAGE: <http://www.emediaweekly.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Hewlett-Packard's OpenPix suite allows companies to **create**, deliver, and view **high resolution images** on the **Web**. It is available for Windows NT and HP-UX and is designed for businesses selling products over the Internet. The suite includes Enterprise Image Repository that stores content in an Oracle 8i-based database, and Image Transport, which handles and converts popular image formats that can send images to an OpenPix server directly from TWAIN devices connected to a desktop system. Its Hosting Integrator is for ISPs that want to offer OpenPix hosting services, and the Print Integrator allows users to create templates for printing images. The ImageIgniter PLUS adds installation and training features to OpenPix's previously available component, ImageIgniter.

PRICE: \$4995

COMPANY NAME: Hewlett-Packard Co (351016)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Authoring Systems; Electronic Publishing; Graphics Tools; HP; HP-UX; IBM PC & Compatibles; Image Processing; Internet Utilities; Web Site Design; Windows NT/2000

REVISION DATE: 20000830

10/5/16 (Item 2 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00104588 DOCUMENT TYPE: Review

PRODUCT NAMES: Surround Video 2.0 (637254); RealSpace Image Server Windows NT & UNIX (666548)

TITLE: Web Graphics Without the Wait

AUTHOR: Williams, Geoffrey

SOURCE: PC/Computing, v10 n12 p191(1) Dec 1997
ISSN: 0899-1847

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

Surround Video 2.0 from Black Diamond Consulting is a superb tool to use for **creating** panoramic, multimedia images. RealSpace Image **Server** from Live **Picture** is great at streaming **high - resolution images** and allowing the user to zoom in on parts of those images while the rest is downloading. For using RealSpace Image Server however, a plug-in is required. SurroundVideo 2.0 can create interactive 360-degree panoramas. The Netscape plug-in provided with this product lets the viewer click on hot spots to jump to different pages, or change the page in a frame, or change the panorama within a page. Sound can be heard by users with ActiveX- or Netscape ScriptActive-supported browsers. Panoramic images can be in JPEG or BMP format. Panoramas from other OLE-compatible programs such as Office 97 can also be viewed. PhotoVista makes it easy to create panoramas for SurroundVideo viewing using any camera. RealSpace Image Server now supports FlashPix format to provide a fast way to publish large images on the Internet. Very fine control is enabled over these images. RealSpace Image Server runs on Windows NT or UNIX operating systems. The drawback is that users must run it with Web server software.

COMPANY NAME: Black Diamond Consulting Inc (623695); Roxio Inc (554634)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: File Transfer; Graphics Tools; IBM PC & Compatibles; Image Processing; Multimedia; Panoramic Images; System Performance; UNIX; Web Site Design; Windows NT/2000
REVISION DATE: 20030825

10/5/17 (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00061150 DOCUMENT TYPE: Review

PRODUCT NAMES: Color Central (136361); Adobe Fetch 1.2 (427071)

TITLE: Prepress Firms Discuss Image Management
AUTHOR: Beale, Stephen
SOURCE: Micro Publishing News, p27(2) Jan 1994
HOMEPAGE: <http://www.micropubnews.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Image management in a prepress environment presents many challenges. Several techniques are available for handling image management. OPI (open prepress interface) is a standard in which data integrity is maintained, because the customer is unable to **change** an OPI **low - resolution image**. Compumation's Color Central is an OPI file **server**, in which the full-resolution version of the scanned image remains on the file server, while the customer is given a low-resolution file for image placement. The customer can crop and scale, but cannot modify colors. Another company is experimenting with Aldus Fetch 1.2, which offers considerable speed improvement over the earlier version. Fetch is an image database program that helps to automate tracking images.

COMPANY NAME: ScenicSoft Inc (234087); Adobe Systems Inc (394173)
DESCRIPTORS: Graphics Tools; Image Processing; Image Storage; Printing &
Graphic Arts; Standards
REVISION DATE: 20030130

| Set | Items | Description |
|-----|---------|---|
| S1 | 8 | AU=(CHAUVIN L? OR CHAUVIN, L?) |
| S2 | 498775 | IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH? |
| S3 | 110053 | RESOLUTION? |
| S4 | 58264 | BITMAP? OR CONTONE? OR PIXEL? OR PIXMAP? |
| S5 | 1546811 | EXTRAPOLAT? OR TRANSLAT? OR SIMPLIF? OR CREAT? OR MANUPULA- T? OR CHANG? OR CONVERT? OR CONVERSION |
| S6 | 1205062 | LOW? OR HIGH? |
| S7 | 353528 | ONLINE OR ON()LINE OR INTERNET OR INTRANET OR WEB? OR HOME- PAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR LAN OR WAN OR SERVER? |
| S8 | 45677 | S6(2N)S3 |
| S9 | 11661 | S8(5N)S2 |
| S10 | 305 | S9(10N)S7 |
| S11 | 1217 | S5(10N)S9 |
| S12 | 38 | S11(15N)S7 |
| S13 | 26 | S10 AND IC=G06F-017/60 |
| S14 | 24 | S12 AND IC=(H04N? OR G06F?) |
| S15 | 49 | S13 OR S14 |

? show file

File 348:EUROPEAN PATENTS 1978-2003/Sep W02

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File 349:PCT FULLTEXT 1979-2002/UB=20030918,UT=20030911

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15/3,K/1 (Item 1 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01630110

A method and system for image distribution

Verfahren und System fur die Verteilung von Bildern

Methode et systeme pour la distribution d'images

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (Applicant designated States: all)

INVENTOR:

Hardingham, Colin, c/o Kodak Limited, Headstone Drive, Harrow, Middlesex,
HA1 4TY, (GB)

McNulty, Patrick, c/o Kodak Limited, Headstone Drive, Harrow, Middlesex,
HA1 4TY, (GB)

Fry, Peter Thomas, c/o Kodak Limited, Headstone Drive, Harrow, Middlesex,
HA1 4TY, (GB)

LEGAL REPRESENTATIVE:

Freeman, Avi et al (99841), Kodak Limited, Patent Department
W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1345141 A2 030917 (Basic)

APPLICATION (CC, No, Date): EP 2002022676 021010;

PRIORITY (CC, No, Date): GB 204923 020302

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 53

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200338 | 637 |
| SPEC A | (English) | 200338 | 3250 |
| Total word count - document A | | | 3887 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 3887 |

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION of displaying a representation of the image for sale and an invitation to purchase said **image**, the step of transmitting a **low - resolution** version of the **image** captured at the event to an image purchase **server**, arranged to generate an interactive television data stream including said **low - resolution** version of the **image**.

The one or more images for sale may be displayed during transmission of the program...

...at the event for inclusion in the interactive television data stream further comprises transmitting said **low - resolution** version of the **image** from the image purchase **server** to an interactive television broadcast provider server.

Once a user has indicated a desire to...

...system for the order of images via interactive television. The system comprises an image purchase **server** adapted to incorporate one or more **low - resolution images** into an interactive television data stream.

The data stream is controlled such that when it...

...CLAIMS of displaying a representation of the image for sale and an invitation to purchase said **image** , the step of transmitting a **low - resolution** version of the **image** captured at the event to an image purchase **server** , arranged to generate an interactive television data stream including said **low - resolution** version of the **image** .

6. A method according to claim 1, in which the image for sale is displayed...

...at the event for inclusion in the interactive television data stream further comprises transmitting said **low - resolution** version of the **image** from the image purchase **server** to an interactive television broadcast provider server.

8. A method according to claim 7, further...

...13. A system for the order of images via interactive television, comprising an image purchase **server** adapted to incorporate one or more **low - resolution images** into an interactive television data stream such that when said data stream is received by...

15/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01619831

Method and system for defining a storefront for printing digital images
Verfahren und System zum Definieren eines virtuellen Schaufensters fur das
Drucken von Digitalbildern

Methode et systeme pour definir la vitrine virtuelle pour l'impression des
images numeriques

PATENT ASSIGNEE:

AGFA-GEVAERT, (200395), Septestraat 27, 2640 Mortsel, (BE), (Applicant
designated States: all)

INVENTOR:

Tuijn, Chris, c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat
27, 2640 Mortsel, (BE)

Gemis, Marc, c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat
27, 2640 Mortsel, (BE)

Op de Beeck, Eddy, c/o AGFA-GEVAERT, Corporate IP Department 3800,
Septestraat 27, 2640 Mortsel, (BE)

Fuchsberger, Hermann, c/o AGFA-GEVAERT, Corporate IP Department 3800,
Septestraat 27, 2640 Mortsel, (BE)

PATENT (CC, No, Kind, Date): EP 1336930 A1 030820 (Basic)

APPLICATION (CC, No, Date): EP 2002100129 020213;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|----------------|-----------|--------|------------|
| CLAIMS A | (English) | 200334 | 465 |
| SPEC A | (English) | 200334 | 4136 |

Total word count - document A 4601
Total word count - document B 0
Total word count - documents A + B 4601

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION third case, the images result from scanning film rolls at a photofinisher's site; the **high - resolution images** are then typically stored at a so-called lab **server** , and low-resolution thumbnail representations are available from an image server. In a fourth case...

15/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01535416

An electronic camera and system for transmitting digital image files over a communication network

Elektronische Kamera und System zur Übertragung von digitalen Bilddateien über ein Kommunikationsnetzwerk

Camera electronique et systeme de transmission de fichiers d'images numeriques a travers un reseau de communication

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

McIntyre, Dale F., c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth Alan, c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)

Zacks, Carolyn A., c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1280329 A2 030129 (Basic)

APPLICATION (CC, No, Date): EP 2002077345 020614;

PRIORITY (CC, No, Date): US 891562 010626

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **H04N-001/00**

ABSTRACT WORD COUNT: 58

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|----------------|----------|--------|------------|
|----------------|----------|--------|------------|

| | | | |
|----------|-----------|--------|-----|
| CLAIMS A | (English) | 200305 | 416 |
|----------|-----------|--------|-----|

| | | | |
|--------|-----------|--------|-------|
| SPEC A | (English) | 200305 | 12453 |
|--------|-----------|--------|-------|

| | |
|-------------------------------|-------|
| Total word count - document A | 12869 |
|-------------------------------|-------|

| | |
|-------------------------------|---|
| Total word count - document B | 0 |
|-------------------------------|---|

| | |
|------------------------------------|-------|
| Total word count - documents A + B | 12869 |
|------------------------------------|-------|

INTERNATIONAL PATENT CLASS: **H04N-001/00**

...SPECIFICATION as described earlier in reference to step 32 of FIG. 2.

In step 504, a **low resolution image** database is **created** on the user computer 10, so that **low resolution images** can be provided to authorized third parties. In step 506, an **on - line** connection is established using CSP 20 and communication network 50, between the user's home...

15/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01532402

A method and system for managing images over a communication network
Verfahren und System zur Verwaltung von Bildern uber ein
Kommunikationsnetzwerk

Procede et systeme de gestion d'images a travers un reseau de communication

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (Applicant designated States: all)

INVENTOR:

McIntyre, Dale Frederick, c/o Eastman Kodak Company, 343 State Street,
Rochester, New York 14650-2201, (US)

Fredlund, John Randall, c/o Eastman Kodak Company, 343 State Street,
Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1278366 A2 030122 (Basic)

APPLICATION (CC, No, Date): EP 2002077363 020617;

PRIORITY (CC, No, Date): US 891751 010626

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **H04N-001/327**

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200304 | 1134 |
| SPEC A | (English) | 200304 | 13402 |
| Total word count - document A | | | 14536 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 14536 |

INTERNATIONAL PATENT CLASS: **H04N-001/327**

...SPECIFICATION as described earlier in reference to step 32 of FIG. 2.

In step 504, a **low resolution image** database is **created** on the user computer 10, so that **low resolution images** can be provided to authorized third parties. In step 506, an **on - line** connection is established using CSP 20 and communication network 50, between the user's home...

15/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01532401

Method and system for managing images over a communication network
Verfahren und System zur Verwaltung von Bildern über ein
Kommunikationsnetzwerk

Procede et systeme de gestion d'images a travers un reseau de communication
PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (Applicant designated States: all)

INVENTOR:

McIntyre, Dale Frederick, c/o Eastman Kodak Comp., Patent Legal Staff,
343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1278364 A2 030122 (Basic)

APPLICATION (CC, No, Date): EP 2002077362 020617;

PRIORITY (CC, No, Date): US 892042 010626

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **H04N-001/00**

ABSTRACT WORD COUNT: 101

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200304 | 448 |
| SPEC A | (English) | 200304 | 12343 |
| Total word count - document A | | | 12791 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 12791 |

INTERNATIONAL PATENT CLASS: **H04N-001/00**

...SPECIFICATION as described earlier in reference to step 32 of FIG. 2.

In step 504, a **low resolution image** database is **created** on the user computer 10, so that **low resolution images** can be provided to authorized third parties. In step 506, an **on - line** connection is established using CSP 20 and communication network 50, between the user's home...

15/3,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01532400

A system and method for managing images over a communication network
System und Verfahren zur Verwaltung von Bildern in einem
Kommunikationsnetzwerk

Systeme et procede de gestion d'image dans un reseau de communication

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (Applicant designated States: all)

INVENTOR:

McIntyre, Dale F., c/o Eastman Kodak Company, 343 State Street,
Rochester, New York 14650-2201, (US)

Fredlund, John R., c/o Eastman Kodak Company, 343 State Street,
Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1278363 A2 030122 (Basic)

APPLICATION (CC, No, Date): EP 2002077359 020614;

PRIORITY (CC, No, Date): US 892044 010626

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/00

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200304 | 604 |
| SPEC A | (English) | 200304 | 12543 |
| Total word count - document A | | | 13147 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 13147 |

INTERNATIONAL PATENT CLASS: H04N-001/00

...SPECIFICATION as described earlier in reference to step 32 of FIG. 2.

In step 504, a **low resolution image** database is **created** on the user computer 10, so that **low resolution images** can be provided to authorized third parties. In step 506, an **on - line** connection is established using CSP 20 and communication network 50, between the user's home...

15/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01417802

Information processing apparatus, system and method, and recording medium
Vorrichtung, System, Verfahren und Aufzeichnungsmedium fur die Verarbeitung
von Informationen

Appareil, systeme, methode et medium de stockage pour le traitement
d'informations

PATENT ASSIGNEE:

SONY CORPORATION, (214021), 7-35 Kitashinagawa 6-chome Shinagawa-ku,
Tokyo 141, (JP), (Applicant designated States: all)

INVENTOR:

Kondo, Teesujiro, IPD, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo, (JP)

Ohta, Koji, IPD, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Turner, James Arthur et al (74631), D. Young & Co., 21 New Fetter Lane,
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1197902 A2 020417 (Basic)

APPLICATION (CC, No, Date): EP 2001307626 010907;

PRIORITY (CC, No, Date): JP 2000272959 000908

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/60**
ABSTRACT WORD COUNT: 156
NOTE:

Figure number on first page: 11

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200216 | 4931 |
| SPEC A | (English) | 200216 | 23593 |
| Total word count - document A | | | 28524 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 28524 |

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION to be provided to a plurality of portable terminals 11))
to 1A)) from the content **server** 7, at first, **image** data having a **low**
resolution in its entirety (or having a standard resolution), such as
that shown in, for example...

15/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01367791

**Secure manipulation archiving retrieval and transmission system for
electronic multimedia commerce**

**Archivierungs-, Wiedergewinnungs- und Ubertragungssystem fur die sichere
Datenmanipulation im elektronischen multimedialen Handel**

**Systeme de manipulation securisee pour l'archivage, la recuperation et la
transmission pour le commerce electronique multimedia**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (Applicant designated States: all)

INVENTOR:

Huether, Michael P., c/o Eastman Kodak Company, Patent Legal Staff, 343
State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1164524 A1 011219 (Basic)

APPLICATION (CC, No, Date): EP 2001201987 010528;

PRIORITY (CC, No, Date): US 589909 000607

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 220

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|-------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200151 | 516 |
| SPEC A | (English) | 200151 | 3363 |
| Total word count - document A | | | 3879 |

Total word count - document B 0
Total word count - documents A + B 3879

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION 24 may include means for distributing digital images according to a distribution policy based upon **image** resolution. For example, all **low resolution images** may be directed to the third party **on - line** image storage and retrieval sights 26, and all **high resolution image** forwarded to the storage database 22.

Referring to Fig. 4, the output fulfillment request process...

15/3,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01347003

Apparatus, method and control program providing expendable supplies
Grat, Verfahren und Kontrollprogramm zur Leistung von Verbrauchsgutern
Systeme, methode et programme pour fournir des articles de consommation
PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Ogawa, Katsuhisa, Canon K.K., 30-2 Shimomaruko, 3-chome, Ohta-ku, Tokyo, (JP)

Kadokura, Koichi, Canon K.K., 30-2 Shimomaruko, 3-chome, Ohta-ku, Tokyo, (JP)

Kitagawa, Satoru, Canon K.K., 30-2 Shimomaruko, 3-chome, Ohta-ku, Tokyo, (JP)

Hayase, Makoto, Canon K.K., 30-2 Shimomaruko, 3-chome, Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. High Holborn 2-5 Warwick Court, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 1150235 A2 011031 (Basic)

APPLICATION (CC, No, Date): EP 2001303829 010426;

PRIORITY (CC, No, Date): JP 2000129990 000428

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 109

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200144 | 2113 |
| SPEC A | (English) | 200144 | 16946 |
| Total word count - document A | | | 19059 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 19059 |

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION is, the conventional WebTV accesses the Internet, displays information desired by a user on the **WebTV** , generates a raster **image**

of **low resolution** from the information using the printer driver in the STB to output the raster image...

15/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01346962

Information distributing method and information distributing system

System und Methode zur Informationsverteilung

Systeme et methode de distribution d'information

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Ogawa, Katsuhisa, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP)

Kadokura, Koichi, c/o Canon Kabushiki Kaisha, 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick Court, High Holborn, London WC1R 5DH, (GB)

PATENT (CC, No, Kind, Date): EP 1150508 A2 011031 (Basic)

EP 1150508 A3 030514

APPLICATION (CC, No, Date): EP 2001303751 010425;

PRIORITY (CC, No, Date): JP 2000129991 000428

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/173; G06F-017/30; **G06F-017/60**

ABSTRACT WORD COUNT: 90

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200144 | 2987 |
| SPEC A | (English) | 200144 | 17561 |
| Total word count - document A | | | 20548 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 20548 |

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION is, the conventional WebTV accesses the Internet, displays information desired by a user on the **WebTV**, generates a raster **image** of **low resolution** from the information using the printer driver in the STB to output the raster image...

15/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01335167

Method and system for ordering image related goods and services

Verfahren und System zur Bestellung von auf Bilder bezogen Gutern und Diensten

Methode et systeme de commande de biens et de services relativement a leur image

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Fry, Peter T., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Chauvin, Louis A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1139256 A1 011004 (Basic)

APPLICATION (CC, No, Date): EP 2001201006 010319;

PRIORITY (CC, No, Date): US 540148 000331

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 77

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200140 | 496 |
| SPEC A | (English) | 200140 | 2766 |
| Total word count - document A | | | 3262 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 3262 |

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...ABSTRACT resolution digital file and a low resolution digital image file. The method includes transmitting the **low resolution** digital **image** file to a **server** at a remote image service provider over a communication network, manipulating the image and/or...

...SPECIFICATION the consumer is faced with a lengthy, time consuming, process of transferring one or more **high resolution** digital **image** records from their home computer to the **network** photoservice provider before they are able to make and specify their purchase decisions. In some...

...image goods and/or services, comprising the steps of:

- obtaining a low resolution digital **image** file and a **high resolution** digital **image** file of an **image** ;
- transmitting the **low resolution** digital **image** file to a **server** at a remote image photoservice provider over a communication network, the server having software for...

...file and a low resolution digital image file, comprising the steps of:

- transmitting the **low resolution** digital **image** file to a **server** at a remote image service provider over a communication network, the server having software for...

...file and a low resolution digital image file, comprising the steps of:

- transmitting the **low resolution** digital **image** file to a

server at a remote image service provider over a communication network;
 c. manipulating the image and...connected to a communication net work;

a digital device for obtaining a high resolution digital **image** file
 and a **low resolution** digital **image** file of an **image** ;
 a remote computer capable of being connected to the **server** of the
 image provider through the communication net work, the computer capable
 of obtaining the...

...files that were previously selected by the user. The purpose of the
 present invention a **low resolution** file is an **image** file that can
 be transmitted quickly over the **internet** while still allowing for image
 analysis, manipulation and for facilitating the placement of an order...
 can all be performed based on the meta data provided or upon analysis of
 the **low resolution** digital **image** file transmitted.
 As is common in **Internet** Shopping interactions, following the
 selection of goods and services the user provides information to the...

...or services that are desired. If the customer knows what goods and/or
 services desired, **low resolution image** file of the desired **images**
 are transmitted at step 34 to **server** 24. The **low resolution images**
 may have already been generated, or may be generated at step 36 at the
 time...

...manipulations, an order for goods and/or services at step 40 is placed
 with the **network** photoservice provider 14. Then at step 42 the **high**
resolution digital **image** files are transmitted to the **server** 34. At
 this time the customer is free to do other things either on the...

...CLAIMS image goods and/or services, comprising the steps of:
 a. obtaining a low resolution digital **image** file and a **high**
resolution digital **image** file of an **image** ;
 b. transmitting said **low resolution** digital **image** file to a
server at a remote image photoservice provider over a communication
 network, said server having software for...

...file and a low resolution digital image file, comprising the steps of:
 a. transmitting said **low resolution** digital **image** file to a
server at a remote image service provider over a communication
 network, said server having software for...

...file and a low resolution digital image file, comprising the steps of:
 a. transmitting said **low resolution** digital **image** file to a
server at a remote image service provider over a communication
 network;
 c. manipulating said image and...

...connected to a communication net work;
 a digital device for obtaining a high resolution digital **image** file
 and a **low resolution** digital **image** file of an **image** ;
 a remote computer capable of being connected to said **server** of said
 image provider through said communication net work, said computer
 capable of obtaining said...

...from said digital device and forwarding said high and low digital image
 files to said **server** .

9. A system according to claim 8 wherein said **low resolution** digital
image file comprises an digital image having a resolution no greater
 than about 200 pixels by...

15/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01219608

METHOD FOR PRODUCING AN IMAGE MOTIF ON AN IMAGE MATERIAL
VERFAHREN ZUR HERSTELLUNG EINES BILDMOTIVS AUF EINEM BILDMATERIAL
PROCEDE POUR PRODUIRE UN MOTIF D'IMAGE SUR UN SUPPORT D'IMAGE

PATENT ASSIGNEE:

Strehler, Heike, (3143050), Hermelinweg 7, 71063 Sindelfingen, (DE),
(Proprietor designated states: all)

INVENTOR:

Strehler, Heike, Hermelinweg 7, 71063 Sindelfingen, (DE)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62023), Dreiss, Fuhlendorf, Steimle &
Becker Postfach 10 37 62, 70032 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 1169848 A1 020109 (Basic)
EP 1169848 B1 030604
WO 2000062527 001019

APPLICATION (CC, No, Date): EP 2000920701 000413; WO 2000EP3325 000413

PRIORITY (CC, No, Date): DE 19916524 990413

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-001/21 ; H04N-001/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B | (English) | 200323 | 366 |
| CLAIMS B | (German) | 200323 | 324 |
| CLAIMS B | (French) | 200323 | 375 |
| SPEC B | (German) | 200323 | 3298 |
| Total word count - document A | | | 0 |
| Total word count - document B | | | 4363 |
| Total word count - documents A + B | | | 4363 |

INTERNATIONAL PATENT CLASS: H04N-001/21 ...

... H04N-001/00

...CLAIMS provider makes a plurality of original images available on a
personal computer or on the **internet** at a **low resolution** ,
a user **creates** a new **image** motif at **low resolution** on the
personal computer or over the **internet** according to his personal
concept from a plurality of original images,
image and/or process...

15/3,K/13 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01136685

Distributed office system and management method thereof
System fur verteilte Bueros und dafur geigentes Verwaltungsverfahren
Systeme de bureaux distribues et methode de gestion associee

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Sakakibara, Ken, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Kimura, Toshihiro, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Tadokoro, Yoshihisa, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo, (JP)
Kato, Masami, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku,
Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. High Holborn
2-5 Warwick Court, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 992926 A2 000412 (Basic)
EP 992926 A3 010829

APPLICATION (CC, No, Date): EP 99307863 991006;

PRIORITY (CC, No, Date): JP 98297606 981006; JP 99283885 991005

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 7

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200015 | 3215 |
| SPEC A | (English) | 200015 | 10295 |
| Total word count - document A | | | 13510 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 13510 |

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION as the personal profile information 17-16 of the database
part 53 of the host **server** device 11.

As described above, in the visitation operation, the **images** with
relatively **high resolutions** **photographed** from the video cameras of
the visitor and visited worker are displayed. Additionally, the telephone
...

15/3,K/14 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01104481

SYSTEM AND METHOD FOR WATCH DESIGN

SYSTEM UND VORRICHTUNG FUR UHRENDESIGN

SYSTEME ET PROCEDE DE CONCEPTION DE MONTRES

PATENT ASSIGNEE:

TECNOL MEDICAL PRODUCTS, INC., (1724001), 7201 Industrial Park Boulevard,
Fort Worth, Texas 76180, (US), (Applicant designated States: all)

INVENTOR:

HARASAKI, Hiroyuki, Citizen Watch Co. Ltd., 2-1-1 Nishi-Shinjuku,,
Shinjuku-ku, Tokyo 163-0428, (JP)
HORI, Akihiro, Citizen Watch Co. Ltd., 2-1-1 Nishi-Shinjuku,,
Shinjuku-ku, Tokyo 163-0428, (JP)
SAKITA, Eiichi, Citizen Watch Co. Ltd., 2-1-1 Nishi-Shinjuku,,
Shinjuku-ku, Tokyo 163-0428, (JP)

KATO, Shiro, Citizen Watch Co. Ltd., 2-1-1 Nishi-Shinjuku,, Shinjuku-ku,
Tokyo 163-0428, (JP)
OZAKI, Masashi, Citizen Watch Co. Ltd., Tanashi Factory, 6-1-12 Honcho,
Tanashi-shi, Tokyo 188-8511, (JP)
OKABE, Akio, Citizen Trading Co. Ltd., 32-2 Honcho 1-chome, Nakano-ku,
Tokyo 164-8726, (JP)
YAMAUCHI, Kaoru, Citizen Trading Co. Ltd., 32-2 Honcho 1-chome,
Nakano-ku, Tokyo 164-8726, (JP)
KUDO, Kouzi, Citizen Trading Co. Ltd., 32-2 Honcho 1-chome, Nakano-ku,
Tokyo 164-8726, (JP)
ICHIHARA, Masam, Citizen Trading Co. Ltd., 32-2 Honcho 1-chome,
Nakano-ku, Tokyo 164-8726, (JP)
EHARA, Yuuzi, Tokyo Bijyutu Co. Ltd., 31-15 Honcho 3-chome, Ikebukuro,
Toshima-ku, Tokyo 170-0011, (JP)

LEGAL REPRESENTATIVE:

Patentanwalte Ruff, Wilhelm, Beier, Dauster & Partner (100161), Postfach
10 40 36, 70035 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 990962 A1 000405 (Basic)

WO 9956183 991104

APPLICATION (CC, No, Date): EP 99917142 990423; WO 99JP2190 990423

PRIORITY (CC, No, Date): JP 98115433 980424; JP 98135908 980501; JP

98277912 980930; JP 99111067 990419

DESIGNATED STATES: CH; DE; FR; GB; LI

INTERNATIONAL PATENT CLASS: G04D-003/00; G04B-045/00; G06F-017/50;

G06F-017/60

ABSTRACT WORD COUNT: 118

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200014 | 4185 |
| SPEC A | (English) | 200014 | 17455 |
| Total word count - document A | | | 21640 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 21640 |

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION the watch design sheet sent from the user. Each personal
computer is connected to the **image** scanner with **high resolution** and
the CD-ROM drive. Further, a **server** (not shown) is connected to the
plural personal computers for managing the delivery and payment...

15/3,K/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01096462

System and method for proofing

Probesystem und -Verfahren

Systeme et procede pour l'obtention d'epreuves

PATENT ASSIGNEE:

Agfa Corporation, (2664340), 100 Challenger Road, Ridgefield Park, NJ
07660-2199, (US), (Applicant designated States: all)

INVENTOR:

Fariborz, Azima, 11 Fairway Drive, Apt. No. 23, Derry, New Hampshire 03038
, (US)

Xu, Lusheng L., 5 Tollcross Road, Chelmsford, Massachusetts 01824, (US)

LEGAL REPRESENTATIVE:

Van Ostaeyen, Marc Albert Jozef et al (86097), Agfa-Gevaert N.V.

Corporate IP Department 3800 Septestraat 27, 2640 Mortsel, (BE)
PATENT (CC, No, Kind, Date): EP 963104 A1 991208 (Basic)
APPLICATION (CC, No, Date): EP 99201129 990409;
PRIORITY (CC, No, Date): US 90072 980603
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-001/40 ; H04N-001/60
ABSTRACT WORD COUNT: 224
NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9949 | 576 |
| SPEC A | (English) | 9949 | 6556 |
| Total word count - document A | | | 7132 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 7132 |

INTERNATIONAL PATENT CLASS: H04N-001/40 ...

... H04N-001/60

...SPECIFICATION the user sends the file to the proofer 68 from the imaging application, the OPI **server** automatically inserts the **high resolution image** .

Referring to FIG. 4, the process of **creating** a proof image from the rasters involves several steps. The order shown in FIG. 4...

15/3,K/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01093828

System and method for ordering printing of images, and system and method for printing edited images

System und Verfahren um das Drucken von Bildern zu bestellen und System und Verfahren zum Drucken von editierten Bildern

Systeme et methode pour commander l'impression d'images et systeme et methode pour imprimer des images editees

PATENT ASSIGNEE:

FUJI PHOTO FILM CO., LTD., (2602260), No. 210 Nakanuma,
Minami-ashigara-shi, Kanagawa-ken, 250-0123, (JP), (Applicant
designated States: all)

INVENTOR:

Shiimori, Yoshiko, c/o Fuji Photo Film Co., Ltd., 11-46, Senzui 3-chome,
Asaka-shi, Saitama 351-0024, (JP)

LEGAL REPRESENTATIVE:

Tothill, John Paul (81551), Frank B. Dehn & Co. 179 Queen Victoria Street
, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 961451 A2 991201 (Basic)
EP 961451 A3 020515

APPLICATION (CC, No, Date): EP 99302791 990409;

PRIORITY (CC, No, Date): JP 98116249 980410; JP 98126649 980422

DESIGNATED STATES: DE; FR; GB; IT; NL; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-029/06; G06F-017/60

ABSTRACT WORD COUNT: 282

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9948 | 3865 |
| SPEC A | (English) | 9948 | 13011 |
| Total word count - document A | | | 16876 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 16876 |

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION prints images in accordance with the order information.

With a system of this kind, the **images** are printed by a **high - resolution** printer connected to the order-taking **server** and the printed matter is mailed to the user of the client computer.

There are...

...a store, image data representing images to be printed is transmitted from the order-taking **server** to the store **server** and the **images** are printed by a **high - resolution** printer connected to the store **server**. In this case the user of the client computer goes to the store to pick... taking server 25 receives the order information, the order information is transmitted to the store **server** 30, at which the **image** is printed by a **high - resolution** printer that has been connected to the store **server** 30. When the image is printed, the store server 30 communicates this fact to the...of the client computer 201. It goes without saying that the printer connected to the **image server** 230 would have a **resolution higher** than the printer connected to the client computer 201.

(2) Image editing

Image editing processing...using the order information file, editing information file and user images (step 262). The edited **images** are printed by the **high - resolution** printer of the **image server** 230 (step 263). The edited images that have been printed would be mailed to the...

15/3,K/17 (Item 17 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01076983

Font sharing system and method, and recording medium storing program for executing font sharing method

System und Verfahren zum gemeinsamen Benutzen von Fonts und Speichermedium fur das Programm zum Ausfuhren des Verfahrens

Systeme et methode pour partager des polices de caracteres et medium de stockage du logiciel executant la methode

PATENT ASSIGNEE:

FUJI PHOTO FILM CO., LTD., (2602260), No. 210 Nakanuma,
Minami-ashigara-shi, Kanagawa-ken, 250-0123, (JP), (Applicant
designated States: all)

INVENTOR:

Teshima, Atsushi, Fuji Photo Film Co., Ltd., 11-46, Senzui 3-chome,
Asaka-shi, Saitama 351-0024, (JP)

LEGAL REPRESENTATIVE:

Tothill, John Paul (81551), Frank B. Dehn & Co. 179 Queen Victoria Street
, London EC4V 4EL, (GB)
PATENT (CC, No, Kind, Date): EP 947930 A2 991006 (Basic)
EP 947930 A3 020925
APPLICATION (CC, No, Date): EP 99302540 990331;
PRIORITY (CC, No, Date): JP 98101774 980331
DESIGNATED STATES: DE; FR; GB; IT; NL; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/21
ABSTRACT WORD COUNT: 131
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9940 | 2125 |
| SPEC A | (English) | 9940 | 8123 |
| Total word count - document A | | | 10248 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 10248 |

INTERNATIONAL PATENT CLASS: G06F-017/21

...SPECIFICATION the data for creating the advertisement is transmitted from the client computer 1 to the **server** 30 (step 102). If the data for **creating** the advertisement is received, **high - resolution** character **image** data is generated at the **server** 30 to **create** a high-resolution advertisement (step 112) and advertisement creating data which supports the resolution of...

15/3,K/18 (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00981688

Image communication system and method
System und Verfahren zur Bildubertragung
Systeme et procede de communication d'images

PATENT ASSIGNEE:

FUJI PHOTO FILM CO., LTD., (202408), 210 Nakanuma Minami-Ashigara-shi,
Kanagawa-ken, (JP), (Applicant designated States: all)

INVENTOR:

Shiimori, Yoshiko, c/o Fuji Photo Film Co., Ltd., 3-11-46, Sensui,
Asaka-shi, Saitama, (JP)

Ohta, Yoshinori, c/o Fuji Photo Film Co., Ltd., 3-11-46, Sensui,
Asaka-shi, Saitama, (JP)

Sakamoto, Koichi, c/o Fuji Photo Film Co., Ltd., 3-11-46, Sensui,
Asaka-shi, Saitama, (JP)

Haneda, Norihisa, c/o Fuji Photo Film Co., Ltd., 3-11-46, Sensui,
Asaka-shi, Saitama, (JP)

Nakajima, Nobuyoshi, c/o Fuji Photo Film Co., Ltd., 798, Miyanodai,
Kaisei-machi, Ashigara-kami-gun, Kanagawa 258-0023, (JP)

LEGAL REPRESENTATIVE:

Tomlinson, Kerry John (36771), Frank B. Dehn & Co., European Patent
Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 889636 A2 990107 (Basic)
EP 889636 A3 991020

APPLICATION (CC, No, Date): EP 98305209 980630;

PRIORITY (CC, No, Date): JP 97188998 970630; JP 97188999 970630; JP
97282648 970930; JP 98135912 980501
DESIGNATED STATES: DE; FR; GB; IT; NL; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-001/32 ; H04L-029/06; G06F-017/60
ABSTRACT WORD COUNT: 290
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 9901 | 4783 |
| SPEC A | (English) | 9901 | 29393 |
| Total word count - document A | | | 34176 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 34176 |

INTERNATIONAL PATENT CLASS: H04N-001/32 ...
... G06F-017/60

...SPECIFICATION Fig. 30b is clicked by a user, so that an instruction to
print the composite **image** is issued (step 209).

The **resolution** of the **high** -quality printer 90A of the main image
server 30 has been stored in the hard disk of the client computer 40.
The resolution...computer 40, as required (steps 295 and 296).

When the image resynthesis processing is performed, **conversion**
processing (e.g., processing of reducing the quantity of the **image** data
by **lowering** the **resolution**) of the user **image** data to be
transmitted to the main image **server** 30 is performed, so that the
quantity of the user image data is reduced (step...display are stored. In
the image editing system, when the image is edited, an editing **image**
having a **lower resolution** than that of the **image** registered in the
editing **server** 60 is used. A thumbnail image of the image which is
registered in the editing...

15/3,K/19 (Item 19 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00836718

A system and method for providing a highly addressable printing system
System und Verfahren fur ein hochadressierbares Drucksystem
Systeme et procede pour obtenir un systeme d'impression avec haute
adressabilite

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester New York 14644, (US)
, (applicant designated states: DE;FR;GB)

INVENTOR:

Tse, Francis K., 784 Melville Street, Rochester, NY 14609, (US)
Davidson, Michael L., 155 Corwin Road, Rochester, NY 14610, (US)
Hawkins, Brian C., 35 Pomona Drive, Rochester, NY 14616, (US)

LEGAL REPRESENTATIVE:

Rackham, Stephen Neil et al (35061), GILL JENNINGS & EVERY, Broadgate
House, 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 774856 A2 970521 (Basic)
EP 774856 A3 980729

APPLICATION (CC, No, Date): EP 96308220 961114;

PRIORITY (CC, No, Date): US 558100 951115

DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **H04N-001/40**
ABSTRACT WORD COUNT: 157

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB97 | 966 |
| SPEC A | (English) | EPAB97 | 5355 |
| Total word count - document A | | | 6321 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 6321 |

INTERNATIONAL PATENT CLASS: **H04N-001/40**

...SPECIFICATION projection resolution converter 1. This image data may be received directly from a scanner, PCs, **network**, decomposer, or other electronic image generating device. The perspective projection resolution **converter 1 converts** a high fast-scan and slow-scan **resolution**, **low** pixel depth **resolution image** into an **image** having a lower fast-scan and slow-scan resolution and a higher pixel depth resolution...

15/3,K/20 (Item 20 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00836717

A method and system for performing perspective projection conversion
Verfahren und System zur perspektivischen Projektionsumsetzung
Procede et systeme de conversion de projection en perspective

PATENT ASSIGNEE:

XEROX CORPORATION, (219783), Xerox Square, Rochester New York 14644, (US)
, (applicant designated states: DE;FR;GB)

INVENTOR:

Yeh, Thomas I., 46 Meadowlark Drive, Penfield, NY 14526, (US)
Tse, Francis K., 784 Melville Street, Rochester, NY 14609, (US)
Lahue, George W., 145 Fort Hill Avenue, Canandaigua, NY 14424, (US)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund et al (50281), GILL JENNINGS & EVERY Broadgate
House 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 774855 A2 970521 (Basic)
EP 774855 A3 980729

APPLICATION (CC, No, Date): EP 96308219 961114;

PRIORITY (CC, No, Date): US 558311 951115

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **H04N-001/40**

ABSTRACT WORD COUNT: 157

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB97 | 885 |
| SPEC A | (English) | EPAB97 | 5270 |
| Total word count - document A | | | 6155 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 6155 |

INTERNATIONAL PATENT CLASS: **H04N-001/40**

...SPECIFICATION projection resolution converter 1. This image data may be received directly from a scanner, PCs, **network**, decomposer, or other electronic image generating device. The perspective projection resolution **converter 1 converts** a high fast-scan and slow-scan **resolution**, **low** pixel depth **resolution image** into an **image** having a lower fast-scan and slow-scan resolution and a higher pixel depth resolution...

15/3,K/21 (Item 21 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00777460

Method and apparatus for performing color transformations

Verfahren und Vorrichtung zum Durchfuehren von Farbtransformationen

Procede et appareil pour executer des transformations de couleur

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York
14650-2201, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Gregory, H. Scott, Eastman Kodak Co., Patent Legal staff, 343 State
Street, Rochester, New York 14650-2201, (US)

Heinz, Christopher M.; Eastman Kodak Co., Patent Legal staff, 343 State
Street, Rochester, New York 14650-2201, (US)

Rodgers, Jr., Timothy K., Eastman Kodak Co., Patent Legal staff, 343
State Street, Rochester, New York 14650-2201, (US)

Pawle, George B., Eastman Kodak Co., Patent Legal staff, 343 State Street
, Rochester, New York 14650-2201, (US)

Walker, Douglas G., Eastman Kodak Co., Patent Legal staff, 343 State
Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Schmidt, Peter, Dipl.-Ing. et al (50043), KODAK Aktiengesellschaft
Patentabteilung, 70323 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 726671 A2 960814 (Basic)
EP 726671 A3 970312

APPLICATION (CC, No, Date): EP 96200229 960201;

PRIORITY (CC, No, Date): US 387550 950213

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **H04N-001/00 ; H04N-001/60 ; H04N-001/62**

ABSTRACT WORD COUNT: 144

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPAB96 | 354 |
| SPEC A | (English) | EPAB96 | 5734 |
| Total word count - document A | | | 6088 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 6088 |

INTERNATIONAL PATENT CLASS: **H04N-001/00 ...**

... H04N-001/60 ...

... H04N-001/62

...SPECIFICATION images. The color edits may be made on workstations operated by the design staff using **low - resolution** "proxy" or "for-position-only" **images**. The edited tracer may be **converted** into the transform in the workstation, or later, on a production **server**.

The transform, if produced in the workstation, may then be sent to a compute server...

15/3,K/22 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01039550 **Image available**

SERVER CONFIGURATION FOR PRINTING A DIGITAL IMAGE PRODUCT

CONFIGURATION DE SERVEUR POUR L'IMPRESSION D'UN PRODUIT A IMAGE NUMERIQUE

Patent Applicant/Assignee:

AGFA-GEVAERT, Corporate IP Department (3800), Septestraat 27, B-2640
Mortsel, BE, BE (Residence), BE (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

TUIJN Chris, c/o Agfa-Gevaert, Corporate IP Department 3800, Septestraat
27, B-2640 Mortsel, BE, BE (Residence), BE (Nationality), (Designated
only for: US)

Legal Representative:

AGFA-GEVAERT (commercial rep.), Corporate IP Department (3800),
Septestraat 27, B-2640 Mortsel, BE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200369517 A1 20030821 (WO 0369517)

Application: WO 2002EP9888 20020902 (PCT/WO EP0209888)

Priority Application: EP 2002100130 20020213; EP 2002100129 20020213; US
2002373567 20020418; US 2002389692 20020618.

Designated States: JP US

(EP) DE FR GB

Publication Language: English

Filing Language: English

Fulltext Word Count: 5799

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... third case, the

images result from scanning film rolls at a laboratory 41, 42; the
high - resolution images are then typically stored at a laboratory
server 25, 26 in the laboratory 41, 42, and low-resolution
thumbnail representations are available from...image data that may
originate from a very large number of
customers. Preferably, the image **server** 24 also has means for
generating **low - resolution** thumbnail representations from the
highresolution **images**, and for storing the **low resolution image**
data.

Such a capability of the image **server** 24 to generate and store
thumbnails is particularly ...to make an interactive selection of
images. It is then not
necessary to download the **high - resolution images**; instead, the
lowresolution thumbnail **images** may be sent to the client **server** 21.

The image **servers** 24 may manage their own file system and may
also take care of the removal...6. The system (10) according to any one
of the preceding claims
wherein said digital **image** data are **high resolution image** data
and wherein said **image server** (24) further has means for

generating and storing **low resolution image** data of said **image** ,
said **low resolution image** data having a lower amount of data
than that of said high ...are high resolution image data, the method
further comprising the following steps performed by said **image**
server (24).

-generating **low resolution image** data of said **image** , said **low**
resolution image data having a lower amount of data than that
of said high resolution data;
-storing...

15/3,K/23 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

01026914 **Image available**

REMOTE HIGH RESOLUTION PHOTOGRAPHY AND VIDEO RECORDING USING A STREAMING
VIDEO AS A VIEW-FINDER
PHOTOGRAPHIE HAUTE RESOLUTION A DISTANCE ET ENREGISTREMENT VIDEO AU MOYEN
D'UNE SEQUENCE VIDEO UTILISEE COMME VISEUR

Patent Applicant/Assignee:

HEWLETT-PACKARD COMPANY, 3000 Hanover Street, M/S 1051, Palo Alto, CA
94304-1112, US, US (Residence), US (Nationality)

Inventor(s):

OBRADOR Pere, 2309 Rock Street, #21, Mountain View, CA 94043, US,
TRETTER Daniel R, 1533 Calle De Stuarda, San Jose, CA 95118, US,
SILVERSTEIN D Amnon, 2178 University Avenue, Mountain View, CA 94040, US,

Legal Representative:

HEMINGER Susan E (agent), Hewlett-Packard Company, IP Administration,
P.O. Box 272400, Ft. Collins, CO 80527-2400, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200356810 A1 20030710 (WO 0356810)

Application: WO 2002US39748 20021212 (PCT/WO US0239748)

Priority Application: US 200123951 20011221

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3785

International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...be deployed through the Internet so that a user (322) may be deployed
through the **Internet** so that a user (322) may acquire a remote **high**
resolution photograph (110) using a **low resolution** video (120)
streamed from a remote camera (240) as a view-finder. The remote camera
...

...from a remote device (220, 222) through the network (230) or other communication channels. A **network server** may store the video (120) and the **high resolution photograph** (110), and either sends the video (120) and the high resolution photograph (110) to the user (322) upon payment or posts the video (120) and the **high resolution photograph** (110) on a **web** page.

Detailed Description

... control the one or more photo-video acquisition devices in turn.

In another embodiment, a **network server** stores the video and the **high resolution photograph**, and either sends the video and the high resolution photograph to the user upon payment or posts the video and the **high resolution photograph** on a **web** page.

Description of the Drawings

The preferred embodiments of the remote high resolution photography will ...joint video and still image pipeline of Figure I enables a user to acquire remote **high resolution photographs** through the exemplary **network** of Figure 2; Figure 3(c) illustrates how the user may control a remote ...a joint video and still image pipeline technology, a network may be deployed through the **Internet** so that a user may acquire a remote **high resolution photograph** using a **low resolution** video streamed from a remote camera as a view-finder.

Figure I illustrates an exemplary...how the exemplary joint video and still image pipeline enables a user to acquire remote **high resolution photographs** I 10 through the **network** 230. Referring to Figure 3(a), the network 230 enables a user 322 to connect...of higher quality, due to the high bandwidth connection.

The videos 120 and/or the **high resolution photographs** 110 may be posted on a **web** page or may be sent to the user 322, for example, by e-mail, once...a streaming video 120 obtained from the remote cameras 240 as a view-finder. The **high resolution photographs** 110 may later be posted on a **web** page or emailed to the users 322 upon payment.

As another example, in a video...the user I 1 322 photographs, as in a single lens reflex (SLR) camera. The **network** 230 may store the video 120 and/or the **high resolution photograph** I 10 in a storage 350 on a network server, step 440...user 322 upon payment, step 442. Alternatively, the video 120 and/or the 16 **high resolution photograph** I 10 may be posted on a **web** page, step 444, which enables the user 322 to download to a remote device, such...a desktop computer 220, step 510. The user 322 then selects a photo-video acquisition device 240, such as a remote video camera, in the **network** 230 for acquiring the **high resolution photograph** I 10, step 520. The user 322 may need to submit payment information, step 530...

Claim

... 9 The method of claim 1, further comprising posting (444) the video (120) and the **high resolution photograph** (I 10) on a **web** page.
BP 10007843 9

10 The method of claim 9, ...information from a user (322) who wishes to download the video (120) and the **high resolution photograph** (I 10) from the **web** page; and enabling the user (322) to download the video (120) and the high resolution...

15/3,K/24 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00989385 **Image available**

METHOD OF CROPPING A DIGITAL IMAGE
PROCEDE DE ROGNAGE D'UNE IMAGE NUMERIQUE

Patent Applicant/Assignee:

OPENGRAPHICS CORPORATION, 89 Sciberras Road, Markham, Ontario L3R 2J5, CA
, CA (Residence), CA (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

GIGNAC John-Paul J, 1058 Heritage Drive, LaSalle, Ontario N9H 2E5, CA, CA
(Residence), CA (Nationality)

Legal Representative:

HALL S Warren (et al) (agent), Dennison Associates, 133 Richmond Street
West, Suite 301, Toronto, Ontario M5H 2L7, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200319406 A2-A3 20030306 (WO 0319406)

Application: WO 2002CA1335 20020829 (PCT/WO CA0201335)

Priority Application: CA 2356573 20010831

Designated States: GB JP US

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 6010

International Patent Class: H04N-001/387

Fulltext Availability:

Detailed Description

Detailed Description

... of high quality photographs from digital images.

Thus, within the operating system, there is an **online**
Print Ordering Wizard which provides a series of steps to
simplify the ordering of **online** prints. The actual **high**
resolution digital **images** may reside on the personal
computer of the user or on a print **server** of one of the
online printing companies or on a separate digital
photographic server that...

15/3,K/25 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00955851 **Image available**

SYSTEM AND METHOD FOR REPOSITORY STORAGE OF PRIVATE DATA ON A NETWORK FOR
DIRECT CLIENT ACCESS

PROCEDE ET SYSTEME DE MEMOIRE D'ARCHIVAGE DE DONNEES PRIVEES SUR UN RESEAU
POUR ACCES DIRECT PAR LE CLIENT

Patent Applicant/Assignee:

AMICAS INC, 1210 Washington Street, West Newton, MA 02465, US, US
(Residence), US (Nationality)

Inventor(s):

GROPPER Adrian, 52 Marshall Street, Watertown, MA 02472, US,
DOYLE Sean, 98 Electric Avenue, Somerville, MA 02144, US,

Legal Representative:

MIRANDA David G (agent), Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200288895 A2-A3 20021107 (WO 0288895)

Application: WO 2002US13551 20020430 (PCT/WO US0213551)

Priority Application: US 2001287905 20010501; US 2001288950 20010504; US 2001322495 20010914

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13968

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... lower cost and reduced risk of rapid obsolescence. In particular, through use of the invention, **high - resolution medical images** can now be stored alongside non-medical, **Web** -accessible content such as Web sites and music files without 1 0 sacrificing efficiency of...

15/3,K/26 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00948255 **Image available**

ELECTRONIC IMAGE MANAGEMENT SYSTEM

SYSTEME DE GESTION D'IMAGE ELECTRONIQUE

Patent Applicant/Assignee:

PROLATUS INC, 4000 Olson Memorial Highway, Suite 220, Golden Valley, MN 55422, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HOEKSTRA Jeffrey D, 1400 East Como Blvd., St. Paul, MN 55117, US, US

(Residence), US (Nationality), (Designated only for: US)

ATKINSON Donald, 2442 Lost Lake Road, Mound, MN 55364, US, US (Residence)

, US (Nationality), (Designated only for: US)

RYWELSKI Chris, 422 Tyler Avenue South, Edina, MN 55343, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

SCHWAPPACH Karl G (et al) (agent), Faegre & Benson LLP, 2200 Wells Fargo Center, 90 South 7th Street, Minneapolis, MN 55402-3901, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200282415 A1 20021017 (WO 0282415)

Application: WO 2002US4457 20020215 (PCT/WO US0204457)

Priority Application: US 2001282637 20010409

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12979

...International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... as the image generator, such as where a large corporation has both image generation and **image** correction operations. However, transferring **high resolution** digital **image** files is slow "point to point" within the **network** and oftentimes results in an overall network slow down. This disadvantageously affects all those connected...to pinpoint on-screen the exact coordinates of the visual on onscreen.

The MrSID Imaging **Server** product available from LizardTech, Inc. of Seattle, WA provides **high - resolution images** of virtually any size. Panning and ...management system 900 significantly reduces the storage space required to maintain multiple versions of a **high resolution** digital **image** file and reduces the amount of **network** traffic and processor time required to transfer, process and print **high resolution** digital master **image** files.

The electronic image management system 900 includes an image archive 902 at a first...910 is downloaded over communications system 914 to a remote user 916, such as a **web** press or an advertising agency. In addition to the **high resolution** digital master **image** file 910, one or more of the scripts 912 is sent to the...

15/3,K/27 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00943746 **Image available**

METHOD AND SYSTEM FOR POINT OF PURCHASE SIGN CREATION AND DELIVERY PROCEDE ET SYSTEME DESTINE A CREER ET A LIVRER UN PANNEAU POUR UN POINT DE VENTE

Patent Applicant/Assignee:

CENTIV INC, 998 Forest Edge Drive, Vernon Hills, IL 60061, US, US
(Residence), US (Nationality)

Inventor(s):

RYCHEL William, 998, Forest Edge Drive, Vernon Hills, IL 60061, US,
LYTLE Richard, 998 Forest Edge Drive, Vernon Hills, IL 60061, US,

Legal Representative:

RUPP Brian C (agent), Gardner, Carton & Douglas, 321 North Clark Street,
Suite 3400, Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200277892 A1 20021003 (WO 0277892)

Application: WO 2002US8595 20020320 (PCT/WO US0208595)

Priority Application: US 2001277442 20010321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11737

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... 1 5 or timeouts might be used if the connection is maintained through a wireless **network** . After **high resolution images** have been sent 420, the order is sent to the printer queue at the remote...

15/3,K/28 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00925681 **Image available**
METHOD AND APPARATUS FOR DYNAMIC OPTIMIZATION AND NETWORK DELIVERY OF MULTIMEDIA CONTENT
PROCEDE ET APPAREIL PERMETTANT L'OPTIMISATION DYNAMIQUE ET LA DIFFUSION SUR RESEAU DE CONTENUS MULTIMEDIA

Patent Applicant/Assignee:

PICTUREIQ CORPORATION, Suite 350, 505 Fifth Avenue, Seattle, WA 98104, US
, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MCCOY Bill, 2318 North 44th Street, Seattle, WA 98103, US, US (Residence)
, US (Nationality), (Designated only for: US)
FIELDHOUSE Keith, 3545 NE 96th Street, Seattle, WA 98115, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

DAVISON James (agent), PictureIQ Corporation, 1100 Olive Way, Suite 1270, Seattle, WA 98101, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200259761 A1 20020801 (WO 0259761)
Application: WO 2001US16080 20010517 (PCT/WO US0116080)
Priority Application: US 2001264339 20010126

Designated States: JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 7455

Main International Patent Class: **G06F-015/16**
Fulltext Availability:
Detailed Description

Detailed Description

... and formats. Images are transformed based on a set of rules created by IT or **Web** staff. For example, an imaging **server** system embodiment of the present invention can **convert** an original **high - resolution TIFF image** for the following devices.

PDA: 256 colors, 160 x 160, 5k optimized JPEG
Mobile Phone...

15/3,K/29 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00923849 **Image available**

SPECIFICATION LINKING TO MEET THE NEEDS OF A BUYER

SYSTEME DE LIENS DE SPECIFICATIONS POUR REpondre AUX BESOINS D'UN ACHETEUR

Patent Applicant/Inventor:

O'RYAN John F, 5109 Long Beach Road, Virginia Beach, VA 23464, US, US
(Residence), US (Nationality)

Legal Representative:

SETO Jeffrey K (agent), 617 Tinkerbelle Road, Chapel Hill, NC 27514, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200257884 A2-A3 20020725 (WO 0257884)

Application: WO 2002US1446 20020118 (PCT/WO US0201446)

Priority Application: US 2001764937 20010118

Designated States: AE AU CA CN CZ HR HU IL IN JP KP KR MA MX NO NZ PL RO SG
SI SK TR UA YU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5405

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... 4 shows an exemplary Spec-LinkST11 webpage for the present
electronic commerce system. In the **webpage** of figure 4, product window
I 0 displays a **high resolution picture** of a pair of Spenco® shock
absorption insoles.

Such high resolution pictures will provide immediate...

15/3,K/30 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00895484 **Image available**

**METHOD OF AND APPARATUS FOR DESIGNING ADVERTISEMENTS BY USING DIGITAL MEDIA
ASSETS**

**PROCEDE ET APPAREIL PERMETTANT DE CONCEVOIR DES PUBLICITES A L'AIDE DE
CONTENUS NUMERIQUES MULTIMEDIA**

Patent Applicant/Assignee:

ADGISTICS LIMITED, 7 Holyrood Street, London SE1 2EL, GB, GB (Residence),
GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WHITE Richard Mark, 5 Brands Hatch Cottages, Gallows Wood, Fawkham, Kent
DA3 8NE, GB, GB (Residence), GB (Nationality), (Designated only for:
US)

Legal Representative:

ORIGIN LIMITED (agent), 52 Muswell Hill Road, London N10 3JR, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200229604 A2 20020411 (WO 0229604)

Application: WO 2001GB4404 20011003 (PCT/WO GB0104404)

Priority Application: GB 200024167 20001003; GB 20017248 20010323
Designated States: JP US
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 5810

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... TV editing
Visual asset management
AMS delivers time, cost and quality benefits by exclusively uniting
Internet administration with RGB Users will be able to quickly download
images in **low resolution** allowing them to proceed with artwork
production whilst waiting for high-resolution images to follow...

15/3,K/31 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00891421 **Image available**

FACILITATION OF MEDICAL OUTCOME STUDIES
SYSTEME FACILITANT LES ETUDES DE RESULTATS MEDICAUX

Patent Applicant/Assignee:

THE GENERAL HOSPITAL CORPORATION, 55 Fruit Street, Boston, MA 02114-2696,
US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

HARRIS William H, 665 Concord Avenue, Belmont, MA 02478, US, US
(Residence), US (Nationality), (Designated only for: US)
HAUSER Diana L, 91 Greer Street, Waltham, MA 02452, US, US (Residence),
US (Nationality), (Designated only for: US)
CONDON Robert T, 1245 Kristopher Drive, Lebanon, TX 37087, US, US
(Residence), US (Nationality), (Designated only for: US)
LOWENSTEIN Jay D, 312 Lewis Wharf, Boston, MA 02110, US, US (Residence),
US (Nationality), (Designated only for: US)
WESSINGER Sara Jane, 29 Pico Avenue, Winthrop, MA 02152, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

FEIGENBAUM David L (agent), Fish and Richardson, P.C., 225 Franklin
Street, Boston, MA 02110-8904, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200225549 A1 20020328 (WO 0225549)
Application: WO 2001US29196 20010919 (PCT/WO US0129196)
Priority Application: US 2000665504 20000919

Parent Application/Grant:

Related by Continuation to: US 2000665504 20000919 (CON)

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English

Fulltext Word Count: 4119

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... The network may be the Internet and the user interface may be provided through a **web** browser. The interface may provide relatively **lower resolution** thumbnails of **images** for browsing. The user interface may also enable a user to establish an outcome study...

15/3,K/32 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00889666 **Image available**

PORTABLE SYSTEM FOR DIGITAL PHOTO MANAGEMENT

SYSTEME PORTABLE POUR LA GESTION DE PHOTOGRAPHIE NUMERIQUE

Patent Applicant/Assignee:

WISHOO INC, 1611 North Meridian Street, Indianapolis, IN 46032, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WECHSLER John L, P.O. Box 501195, Indianapolis, IN 46250, US, US
(Residence), US (Nationality), (Designated only for: US)

O'BRIEN John F, 43744 Welty Court, Ashburn, VA 20147, US, US (Residence),
US (Nationality), (Designated only for: US)

COLLINS Williams F, 3511 Deerfield Place, Columbus, IN 47203, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

CANTRELL Quentin G (et al) (agent), Woodard, Emhardt, Naughton, Moriarty
& McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle,
Indianapolis, IN 46204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223893 A1 20020321 (WO 0223893)

Application: WO 2001US28376 20010911 (PCT/WO US0128376)

Priority Application: US 2000231907 20000911; US 2000231908 20000911

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5129

Main International Patent Class: **H04N-005/225**

International Patent Class: **H04N-005/232 ...**

... H04N-007/00 ...

... H04N-007/14

Fulltext Availability:

Detailed Description

Detailed Description

... not limited too: tactical coupon configuration (see update files

above); resolution or size of the **low resolution image** to be created ; **high resolution image** quality or resolution; the destination **server** ; the number of images to be batched or time to wait prior to initiate upload...

15/3,K/33 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00886055

METHOD FOR ARTWORK AND DIGITAL INFORMATION MANAGEMENT

PROCEDE DE GESTION D'INFORMATIONS NUMERIQUES ET D'OBJETS D'ART

Patent Applicant/Assignee:

UNILEVER PLC, Unilever House, Blackfriars, London EC4P 4BQ, GB, GB
(Residence), GB (Nationality), (Designated only for: AE AG AU BB BZ CA
CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)
UNILEVER NV, Weena 455, NL-3013 AL Rotterdam, NL, NL (Residence), NL
(Nationality), (Designated only for: AL AM AT AZ BA BE BF BG BJ BR BY
CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR
GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ
NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)
HINDUSTAN LEVER LIMITED, Hindustan Lever House, 165/166 Backbay
Reclamation, Maharashtra, 400 020 Mumbai, IN, IN (Residence), IN
(Nationality), (Designated only for: IN)

Inventor(s):

VITALE Marian, Unilever Home & Personal Care USA, 33 Benedict Place,
Greenwich, CT 06830, US,
PLEBAN-BONIS Janice, Unilever Home & Personal Care USA, 40 Merritt
Boulevard, Trumbull, CT 06611, US,
BERTOLINI Peter, Unilever Home & Personal Care USA, 33 Benedict Place,
Greenwich, CT 06830, US,
GIZZO Daniel P, Unilever Home & Personal Care USA, 40 Merritt Boulevard,
Trumbull, CT 06611, US,

Legal Representative:

ELLIOTT Peter William (et al) (agent), Unilever PLC, Patent Department,
Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219136 A2 20020307 (WO 0219136)
Application: WO 2001EP9755 20010823 (PCT/WO EP0109755)
Priority Application: US 2000229464 20000901

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4842

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... and therefore no control over the download and
potential usage of the images. Moreover photographic **images**
are often available only in **low resolution** , JPG format.

These formats may be acceptable for **web** use or e.g.

PowerPoint® presentations, but are not conducive to high quality print production...

15/3,K/34 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00885127 **Image available**

NETWORKED BUSINESS SYSTEM

SYSTEME DE VENTE SUR RESEAU

Patent Applicant/Assignee:

CANON KABUSHIKI KAISHA, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JP
, JP (Residence), JP (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

ROBERTSON Philip Keith, 17 Rembrandt Drive, Middle Cove, NSW 2068, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

SPRUSON & FERGUSON (agent), G.P.O. Box 3898, Sydney, NSW 2001, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219263 A1 20020307 (WO 0219263)

Application: WO 2001AU1102 20010831 (PCT/WO AU0101102)

Priority Application: AU 20009825 20000901

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16559

International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... smart cards 120 produced and distributed therefrom may include as the
icons 124 thumbnail sized **low resolution** representations of those
images able to be purchased from the merchant **server** 200. In an
alternative configuration, the merchant server 200 may be a publisher of
a...

15/3,K/35 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00867305 **Image available**

**A METHOD AND A SYSTEM FOR CREATING AND ORDERING CUSTOMIZED PRINTING
MATERIAL ON-LINE A NETWORK FOR DATA-COMMUNICATION**

**PROCEDE ET SYSTEME DE CREATION ET COMMANDE, EN LIGNE, DE SUPPORT
D'IMPRESSION, SUR UN RESEAU DE COMMUNICATION DE DONNEES**

Patent Applicant/Assignee:

PRINTON AB, Tegnergatan 35, S-111 61 Stockholm, SE, SE (Residence), SE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BREDING Emil, Lillbacka 1:8, S-184 33 Akersberga, SE, SE (Residence), SE (Nationality), (Designated only for: US)

KIHLBERG Henrik, Upplandsgatan 32, s-113 28 Stockholm, SE, SE (Residence), SE (Nationality), (Designated only for: US)

LINDGREN Mats, Erik Dahlbergsgatan 35, S-115 32 Stockholm, SE, SE (Residence), SE (Nationality), (Designated only for: US)

GRUNBAUM Niklas, Agnegatan 36, S-112 29 Stockholm, SE, SE (Residence), SE (Nationality), (Designated only for: US)

Legal Representative:

FALK Christer (et al) (agent), Stockholms Patentbyrå Zacco AB, Box 23101, S-104 35 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201403 A1 20020103 (WO 0201403)

Application: WO 2001SE1389 20010619 (PCT/WO SE0101389)

Priority Application: SE 20002412 20000627

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3623

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... print-ready PDF document file to a suitable print shop, or the like, through a **network** for data-communication, like the **Internet**.

High - resolution images, fonts and color definitions are embedded in the PDF document, PDF technology is used through...

15/3,K/36 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00853825

SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DYNAMICALLY INSERTING CONTENT INTO WEB DOCUMENTS FOR DISPLAY BY CLIENT DEVICES

SYSTEMES, PROCEDES ET PRODUITS DE PROGRAMMES INFORMATIQUES DESTINES A INSERER DYNAMIQUEMENT DU CONTENU DANS DES DOCUMENTS WEB DESTINES A ETRE AFFICHES PAR DES DISPOSITIFS CLIENTS

Patent Applicant/Assignee:

WINDWIRE INC, 100 Perimeter Park Drive, Suite I, Morrisville, NC 27560, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BORGER Dana, 130 Loch Lomond Circle, Cary, NC 27511, US, US (Residence), US (Nationality), (Designated only for: US)

COX Steve, 2506 Lake Elton Road, Durham, NC 27713, US, US (Residence), US

(Nationality), (Designated only for: US)
GORDON Tom, 363 East 76 Street, Apt. 19A, New York, NY 10021, US, US
(Residence), US (Nationality), (Designated only for: US)
SPITZ David, 5320 Deergrass Court, Raleigh, NC 27613, US, US (Residence),
US (Nationality), (Designated only for: US)
SQUIRE Matthew, 10105 Touchwood Place, Raleigh, NC 27613, US, US
(Residence), US (Nationality), (Designated only for: US)
THRASH Jay, 303 Trappers Run Drive, Cary, NC 27513, US, US (Residence),
US (Nationality), (Designated only for: US)
Legal Representative:
MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627,
US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200186544 A2 20011115 (WO 0186544)
Application: WO 2001US13681 20010430 (PCT/WO US0113681)
Priority Application: US 2000202774 20000509; US 2000220559 20000725; US
2001799194 20010305
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9017
Main International Patent Class: G06F-017/60
Fulltext Availability:
Detailed Description

Detailed Description

... content that may not be
properly displayable via a wireless communications device
and "tailor" the **Web** content into a format that is
displayable. For example, large, **high resolution**, color
images can be transformed into small, black and white
images that can be displayed within small...

15/3,K/37 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00820812 **Image available**

METHODS AND APPARATUS FOR COMPRESSION OF TRANSFORM DATA
PROCEDE ET DISPOSITIF DE COMPRESSION DE DONNEES A TRANSFORMEES

Patent Applicant/Assignee:

STENTOR INC, Suite 8B, 385 Oyster Point Boulevard, S. San Francisco, CA
94080, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

HUFFMAN John C, 410 Waverly Street, Menlo Park, CA 94025, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

STATTLER John (agent), Stattler Johansen & Adeli LLP, P.O. Box 51860,
Palo Alto, CA 94303-0728, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200154413 A1 20010726 (WO 0154413)
Application: WO 2001US1936 20010118 (PCT/WO US0101936)

Priority Application: US 2000489457 20000121
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9422

Main International Patent Class: **H04N-007/26**
International Patent Class: **H04N-007/24**
Fulltext Availability:
Detailed Description

Detailed Description

... image format is known as DICOM. The DICOM image data files are distributed over computer **networks** to specialized viewing stations capable of **converting** the **image** data to **high - resolution images** on a CRT display.

In imaging applications, it is important to display images at a...

15/3,K/38 (Item 17 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00805391 **Image available**

USER INTERFACE FOR A MEDICAL INFORMATICS SYSTEM

INTERFACE UTILISATEUR DESTINE A UN SYSTEME D'INFORMATIQUE MEDICALE

Patent Applicant/Assignee:

STENTOR INC, Suite 8B, 385 Oyster Point Boulevard, S. San Francisco, CA
94080, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

CHANG Paul Joseph, 4055 Jupiter Drive, Allison Park, PA 15101, US, US
(Residence), US (Nationality), (Designated only for: US)
HEBERT Bradford V, 1115 Harvard Road, Piedmont, CA 94115, US, US
(Residence), US (Nationality), (Designated only for: US)
MCCURTAIN Benjamin J, 1545 Eddy Street, #222, San Francisco, CA 94115, US
, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

STATTLER John (agent), Stattler Johansen & Adeli LLP, P.O. Box 51860,
Palo Alto, CA 94303-0728, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200138965 A2-A3 20010531 (WO 0138965)
Application: WO 2000US42257 20001121 (PCT/WO US0042257)
Priority Application: US 99449115 19991124

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 6603

Main International Patent Class: **G06F-019/00**
International Patent Class: **G06F-159/00**
Fulltext Availability:
Detailed Description

Detailed Description

... image format is known as DICOM. The DICOM image data files are distributed over computer **networks** to specialized viewing stations capable of **converting** the **image** data to **high - resolution images** on a CRT display.
The digitized medical images potentially provide to the medical community advancements...

15/3,K/39 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00805390 **Image available**

METHODS AND APPARATUS FOR RESOLUTION INDEPENDENT IMAGE COLLABORATION
PROCEDES ET APPAREIL DE COLLABORATION ENTRE IMAGES INDEPENDAMMENT DE LA
RESOLUTION

Patent Applicant/Assignee:

STENTOR INC, Suite 8B, 385 Oyster Point Boulevard, S. San Francisco, CA
94080, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

CHANG Paul Joseph, 4055 Jupiter Drive, Allison Park, PA 15101, US, US
(Residence), -- (Nationality), (Designated only for: US)
HUFFMAN John C, 410 Waverly Street, Menlo Park, CA 94025, US, US
(Residence), -- (Nationality), (Designated only for: US)
HEBERT Bradford V, 1115 Harvard Road, Piedmont, CA 94115, US, US
(Residence), -- (Nationality), (Designated only for: US)

Legal Representative:

STATTLER John (agent), Stattler Johansen & Adeli LLP, P.O. Box 51860,
Palo Alto, CA 94303-0728, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200138964 A2-A3 20010531 (WO 0138964)
Application: WO 2000US42256 20001121 (PCT/WO US0042256)
Priority Application: US 99449112 19991124

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English
Fulltext Word Count: 9522

Main International Patent Class: **G06F-003/14**
Fulltext Availability:
Detailed Description

Detailed Description

... image format is known as DICOM. The DICOM image data files are distributed over computer **networks** to specialized viewing stations capable of **converting** the **image** data to **high - resolution images** on a CRT display.
In general, collaboration involves the collective participation of two or more...

15/3,K/40 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00794332 **Image available**

METHOD AND SYSTEM FOR OPERATING A CONTENT MANAGEMENT SYSTEM
PROCEDE ET SYSTEME D'EXPLOITATION D'UN SYSTEME DE GESTION DE CONTENU

Patent Applicant/Assignee:

THE BELO COMPANY, 501 Silverside Road, Suite 41, Silverside Carr
Executive Center, Wilmington, DE 19809, US, US (Residence), US
(Nationality)

Inventor(s):

DABNEY Michael Blane, 12111 Audelia Road #32504, Dallas, TX 75243, US,
HILL David Thomas, 5349 Cattlebaron Drive, Fort Worth, TX 76108, US,
TRUJILLO Lourdes Maria, 1717 Brent Court, Grand Prairie, TX 75051, US,
WASHINGTON Melda Marie, 1900 Elm Street #801, Dallas, TX 75201, US,
LEE Ronald Gene, 14885 Sam Reynolds Road, Justin, TX 76247, US,

Legal Representative:

SOLOMON Gary B (et al) (agent), Jenkins & Gilchrist, P.C., 3200 Fountain
Place, 1445 Ross Avenue, Dallas, TX 75202-2799, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200127833 A2 20010419 (WO 0127833)

Application: WO 2000US27633 20001006 (PCT/WO US0027633)

Priority Application: US 99415560 19991008

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9323

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the basic image may be viewed while maintaining the high resolution data in the content **server** 305. By having the **high resolution images** stored in the content **server** 305, data flow may be reduced and data storage is more manageable. It should be...

...contained within the object oriented database 402 must recognize and notify the system that a **high resolution image** may be found on a particular content **server** 305.

FIGURE 6 shows a data structure 600 that can be used for handling the...

15/3,K/41 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00794275 **Image available**

NETWORKED DIGITAL SECURITY SYSTEM AND METHODS
SYSTEME DE SECURITE NUMERIQUE EN RESEAU ET PROCEDES

Patent Applicant/Assignee:

IVEX CORPORATION, 4295 International Blvd., Suite F, Norcross, GA 30093,
US, US (Residence), US (Nationality)

Inventor(s):

SIMERLY Tim W, 3835 Ryana Bluff Drive, Cumming, GA 30040, US,
SZE-HO TANG Thomas, 810 Morning Creek Lane, Suwanee, GA 30024, US,
BUTT Amer M, 1481 Druid Valley Dr., Atlanta, GA 30329, US,
PLEDGER Philip K, 235 Selkirk Lane, Duluth, GA 30097, US,
BRETON Keith D, 240 Wrights Mill Way, Canton, GA 30115, US,
KAY Alan, 3404A Fairway Oaks Drive, Lawrenceville, GA 30044, US,

Legal Representative:

MORRIS Francis E (et al) (agent), Pennie & Edmonds LLP, 1155 Avenue of
the Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200127763 A1 20010419 (WO 0127763)

Application: WO 2000US27809 20001006 (PCT/WO US0027809)

Priority Application: US 99414712 19991008

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12704

Main International Patent Class: G06F-011/30

International Patent Class: G06F-012/14 ...

Fulltext Availability:

Detailed Description

Detailed Description

... information that describes the event) and one or more tagged images to
its associated customer **server** and to the administrator **server** . The
servers then **translate** the event data into SQL commands for storage.
These **images** are preferably relatively **high resolution JPEG images**
. The number of **images** transmitted per event is also individually,
remotely configurable.

When a camera unit 50 is configured...

15/3,K/42 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00791423

METHODS OF PROVIDING AND OBTAINING INFORMATION, ITEMS, ORDERS, AND DIGITAL
REPRESENTATIONS AND USING ELECTRONIC COMMUNICATION SYSTEMS

**PROCEDES SERVANT A FOURNIR ET A OBTENIR DES INFORMATIONS, DES ARTICLES, DES
COMMANDES ET DES REPRESENTATIONS NUMERIQUES ET A UTILISER DES SYSTEMES
DE COMMUNICATION ELECTRONIQUES**

Patent Applicant/Assignee:

PROMOORDER COM INC, 12708 Riata Vista Circle, Suite A124, Austin, TX
78727, US, US (Residence), US (Nationality)

Inventor(s):

GILES Conley W, 127 Cold Springs Drive, Georgetown, TX 78628, US,
PASSINO Andrew L, 1601 Springlake Drive, Dripping Springs, TX 78620, US,
HEBERT Dane P, 6701 Cuesta Trail, Austin, TX 78730, US,
GINDRUP Thomas A Jr, 4701 Monterey Oaks, #713, Austin, TX 78749, US,

Legal Representative:

MEYER George R (agent), Gray Cary Ware & Freidenrich LLP, 100 Congress
Avenue, Suite 1440, Austin, TX 78701-4072, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200123989 A2 20010405 (WO 0123989)

Application: WO 2000US26424 20000927 (PCT/WO US0026424)

Priority Application: US 99157173 19990930; US 2000177868 20000124

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16017

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the supplier to identify whether it has the marking. The 1 5 reason
why the **lower resolution image** is sent first is so that the
Internet or other electronic communicating system transmission time
between the distributor and supplier is kept relatively...

15/3,K/43 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00783248 **Image available**

**SYSTEM AND METHOD FOR AUTOMATED CLOSED-LOOP PRODUCTION OF CUSTOMIZED BOOKS
SYSTEME ET PROCEDE PERMETTANT LA PRODUCTION AUTOMATIQUE EN BOUCLE FERMEE DE
LIVRES PERSONNALISES**

Patent Applicant/Assignee:

R R DONNELLEY & SONS COMPANY, 77 West Wacker Drive, Chicago, IL 60601, US
, US (Residence), US (Nationality)

Inventor(s):

DREYER Mark G, 2320 Blue Spruce Lane, Aurora, IL 60504, US,
ASARIA Riyaz M, 202 Pleasant Street, Oak Park, IL 60302, US,
SHIVELY J Thomas, 45 S. Thurlow Street, Hinsdale, IL 60521, US,
WARMUS James L, 350 S. Kensington, LaGrange, IL 60525, US,

Legal Representative:

MCCRACKEN William E (agent), Marshall, O'Toole, Gerstein, Murray & Borun,
6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116793 A1 20010308 (WO 0116793)
Application: WO 2000US23006 20000822 (PCT/WO US0023006)
Priority Application: US 99388191 19990901

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15728

Main International Patent Class: G06F-017/24

Fulltext Availability:

Detailed Description

Detailed Description

... illustrates the programming executed by the block 162 of
FIG. 9. This process identifies which **high - resolution images** from
the page layout file are to be **converted** to a **web**-ready format and
displayed **on - line** .

The process could also convert these identified images into small
thumbnail images and/or cropped...page layout file has been converted and
cleaned, automated image processing functions are performed to **convert**
specified **high resolution images** from the page layout file into
images suitable for display in **web** browsers. The automated functions
are

undertaken by a program stored in a computer-readable memory...apparent
to those skilled in the art in light of the description hereinabove of
the **web**-based

conversion system. The **image** data associated with these **high**
resolution

images may then be incorporated into the page description files 506
developed by the document workflow...

15/3,K/44 (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00783247 **Image available**

AUTOMATED CONVERSION OF PRINT-READY DOCUMENTS FOR DISPLAY

CONVERSION AUTOMATIQUE DE DOCUMENTS PRETS A IMPRIMER AFIN DE LES AFFICHER

Patent Applicant/Assignee:

R R DONNELLEY & SONS COMPANY, 3075 Highland Parkway, Downers Grove, IL
60515-1261, US, US (Residence), US (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

DREYER Mark G, 2320 Blue Spruce Lane, Aurora, IL 60504, US, US
(Residence), US (Nationality), (Designated only for: US)

SHIVELY J Thomas, 112 N. Washington Street, Hinsdale, IL 60521, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MCCRACKEN William E (agent), Marshall, O'Toole, Gerstein, Murray & Borun,
233 S. Wacker Drive, 6300 Sears Tower, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116792 A1 20010308 (WO 0116792)
Application: WO 99US20203 19990901 (PCT/WO US9920203)
Priority Application: WO 99US20203 19990901
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12720

Main International Patent Class: **G06F-017/24**

International Patent Class: **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

... illustrates the programming executed by the block
162 of FIG. 9. This process identifies which **high - resolution**
images from the page layout file are to be **converted** to a **web**
ready format and displayed **on - line**. The process could also
convert these identified images into small thumbnail images
and/or cropped...page layout file has been converted and cleaned,
automated
image processing functions are performed to **convert** specified
high resolution images from the page layout file into images
suitable for display in **web** browsers. The automated functions
are undertaken by a program stored in a computer-readable
memory...

15/3,K/45 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00749079 **Image available**

METHOD FOR PRODUCING AN IMAGE MOTIF ON AN IMAGE MATERIAL
PROCEDE POUR PRODUIRE UN MOTIF D'IMAGE SUR UN SUPPORT D'IMAGE
VERFAHREN ZUR HERSTELLUNG EINES BILDMOTIVS AUF EINEM BILDMATERIAL

Patent Applicant/Inventor:

STREHLER Heike, Hermelinweg 7, D-71063 Sindelfingen, DE, DE (Residence),
DE (Nationality)

Legal Representative:

SCHAFER Wolfgang, Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37
62, D-70032 Stuttgart, DE

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062527 A1 20001019 (WO 0062527)
Application: WO 2000EP3325 20000413 (PCT/WO EP0003325)
Priority Application: DE 19916524 19990413
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: German
Filing Language: German
Fulltext Word Count: 4961

Main International Patent Class: **H04N-001/21**
International Patent Class: **H04N-001/00**

English Abstract

...selects an image motif from the original images on a personal computer or on the **Internet** , or **creates** a **low - resolution image** motif from the original **images** on a personal computer or on the **Internet** . The service provider or a third party **creates** the selected or **created image** motif with **high resolution** on an **image** material.

15/3,K/46 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00739226 **Image available**

DIGITAL MEDIA ASSET MANAGEMENT SYSTEM AND PROCESS
SYSTEME ET PROCEDE DE GESTION DE CONTENU NUMERIQUE SUR SUPPORTS NUMERIQUES

Patent Applicant/Assignee:

QUARK INC, 1800 Grant Street, Denver, CO 80203, US, US (Residence), US
(Nationality)

QUARK MEDIA HOUSE SARL, Puits-Godet 6a, CH-2000 Neuchatel, CH, CH
(Residence), CH (Nationality)

Inventor(s):

GILL Timothy, 1800 Grant Street, Denver, CO 80203, US,
EBRAHIMI Kambis, Strombergstrasse 3, D-74366 Kirchheim/N, DE,
SCHEIDLER Johannes, Ostracher Strasse 15, D-70567 Stuttgart, DE,

Legal Representative:

WEBB Glenn L (agent), P.O. Box 951, Conifer, CO 80433, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052590 A1 20000908 (WO 0052590)

Application: WO 2000US5393 20000301 (PCT/WO US0005393)

Priority Application: US 99259947 19990301

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20957

Main International Patent Class: **G06F-015/00**

International Patent Class: **G06F-017/21 ...**

... G06F-017/24 ...

... G06F-017/30 ...

... G06F-015/00

Fulltext Availability:

Detailed Description

Detailed Description

... communicates with the OPI server through special folders. When a picture is checked in, the **server** puts it in the High resolution folder of the OPI **server** . The OPI **server** **creates** a preview (**low resolution**) **picture** and puts it into the preview folder, where the **server** can get it.

8

The **Server** Layer

In the preferred embodiment of the present invention, the Server Layer includes the main...

15/3,K/47 (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00738323

SYSTEM AND METHOD FOR INTERACTIVE DISTRIBUTION OF SELECTABLE PRESENTATIONS
PROCEDE ET SYSTEME DE DISTRIBUTION INTERACTIVE DE PRESENTATIONS
SELECTIONNABLES

Patent Applicant/Assignee:

LIBERATE TECHNOLOGIES LLC, 2 Circle Star Way, San Carlos, CA 94070-6200,
US, US (Residence), US (Nationality)

Inventor(s):

BOUCHER Antoine, 32-270 North Center Road, London, Ontario N6G E2, CA
FISCHER James, 11727 East Sand Hills Road, Scottsdale, AZ 85255-5648, US
LODBERG Allan E, 878 West Berry Place, London, Ontario N6J 2E4, CA

Legal Representative:

BRUCKNER John J, Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road,
Palo Alto, CA 94304-1050, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200051310 A1 20000831 (WO 0051310)

Application: WO 2000US4010 20000216 (PCT/WO US0004010)

Priority Application: US 99255052 19990222

Designated States: CA CH JP NO

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 32281

...International Patent Class: **H04N-007/173**

Fulltext Availability:

Detailed Description

Detailed Description

... browser 342,

through the communications server 341, to the Internet browser 340. The I 0 **Internet** browser 340 then directs the presentation image to a source cache 347 from which a **conversion** utility or **web** data renderer 349 prepares the **image** for viewing by either a **high - resolution** , progressively scanned monitor (such as a computer display 175) or a low-resolution, interlace-scanned...

15/3,K/48 (Item 27 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00532100 **Image available**

**DESIGN AND PRODUCTION OF PRINT ADVERTISING AND COMMERCIAL DISPLAY MATERIALS
OVER THE INTERNET
CONCEPTION ET PRODUCTION DE MATERIAUX D'AFFICHAGE COMMERCIAL ET
PUBLICITAIRE IMPRIMES SUR INTERNET**

Patent Applicant/Assignee:

F A C SERVICES GROUP L P,

Inventor(s):

SPARKS Don R,

SCOTT M James,

TREMEL Wally,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963452 A1 19991209

Application: WO 99US12179 19990601 (PCT/WO US9912179)

Priority Application: US 9888173 19980601

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12011

Main International Patent Class: G06F-017/21

Fulltext Availability:

Detailed Description

Detailed Description

... template data in high-resolution form, which is available from a
highresolution repository on the **image** manager **server** of **high -
resolution images** and templates, to **create a high - resolution**
copy of the **low - resolution** assembled **image** . The **high - resolution**
assembled **image** file is submitted to a color correction application
such as Color ProfileSTM through the image...

15/3,K/49 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00417715 **Image available**

**PROOFING SYSTEM UTILIZING DYNAMIC PDF TECHNOLOGY FOR THE INTERFACE FOR
TEMPLATED PRINTING
SYSTEME D'EPREUVES RECOURANT A LA TECHNOLOGIE DYNAMIQUE PDF COMME INTERFACE
D'IMPRESSION MODELISEE**

Patent Applicant/Assignee:

MOORE BUSINESS FORMS INC,

Inventor(s):

DORFMAN Alexander,

WELLER Kim K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9808176 A1 19980226

Application: WO 97US14343 19970815 (PCT/WO US9714343)

Priority Application: US 9624179 19960820; US 97909075 19970814

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 4033
Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... includes a front end 2 which preferably is capable of establishing remote contact with an **internet WEB** site. A reference library, **low resolution images , high resolution images** , and other data may be stored in a memory 4 at the remote location. The...

| Set | Items | Description |
|-----|---------|---|
| S1 | 11 | AU=(CHAUVIN L? OR CHAUVIN, L?) |
| S2 | 1597351 | IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH? |
| S3 | 114035 | RESOLUTION? |
| S4 | 91980 | BITMAP? OR CONTONE? OR PIXEL? OR PIXMAP? |
| S5 | 2856551 | EXTRAPOLAT? OR TRANSLAT? OR SIMPLIF? OR CREAT? OR MANUPULA- T? OR CHANG? OR CONVERT? OR CONVERSION |
| S6 | 6244463 | LOW? OR HIGH? |
| S7 | 552173 | ONLINE OR ON()LINE OR INTERNET OR INTRANET OR WEB? OR HOME- PAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR LAN OR WAN OR SERVER? |
| S8 | 119367 | S5(5N)S2 |
| S9 | 52377 | S3(2N)S6 |
| S10 | 10492 | S8(20N)S6 |
| S11 | 74 | S10(10N)S7 |
| S12 | 54 | S11 AND IC=(H04N? OR G06F?) |
| S13 | 1 | S1 AND S9 |
| S14 | 55 | S12 OR S13 |

? show file

File 344:Chinese Patents Abs Aug 1985-2003/Apr

(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/May(Updated 030902)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200360

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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14/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07659383 **Image available**
VIDEO DISTRIBUTION SYSTEM AND PROGRAM FOR VIDEO DISTRIBUTION

PUB. NO.: 2003-153241 [JP 2003153241 A]
PUBLISHED: May 23, 2003 (20030523)
INVENTOR(s): UGA SEIICHIRO
TOZAKI HIROKI
APPLICANT(s): VICTOR CO OF JAPAN LTD
APPL. NO.: 2001-349339 [JP 20011349339]
FILED: November 14, 2001 (20011114)
INTL CLASS: H04N-007/173 ; G06F-013/00 ; H04L-012/56

ABSTRACT

PROBLEM TO BE SOLVED: To provide a video distribution system that causes no **high** cost even when a **photographing** place is **changed** and imposes no load on a **network** and a **server** .

SOLUTION: A server 11 at a site creates a URL on the basis of a distributor condition, allows a personal computer of a sender to generate a file of the URL, allows the personal computer 10 of the sender to transmit an IP address provided by a provider 12, transmits an HTML file to which the IP address is embedded according to a video request from a personal computer 9 of a viewer, and the viewer uses the IP address embedded in the HTML file to allow the personal computer 10 of the sender to directly transmit a video image photographed by a video camera 2 to the viewer so that the viewer can receive the distribution of the video image in real time not through the server.

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14/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07593464 **Image available**
INFORMATION DISTRIBUTION SYSTEM AND INFORMATION DISTRIBUTION METHOD

PUB. NO.: 2003-087308 [JP 2003087308 A]
PUBLISHED: March 20, 2003 (20030320)
INVENTOR(s): KOJIMA TOSHIAKI
NAKAKO YOSHINORI
APPLICANT(s): SONY CORP
APPL. NO.: 2001-322866 [JP 20011322866]
FILED: September 13, 2001 (20010913)
INTL CLASS: H04L-012/56; G06F-003/06 ; G11B-020/10

ABSTRACT

PROBLEM TO BE SOLVED: To provide an information distribution system and method capable of distributing information with low resolution.

SOLUTION: A client side computer 5 gives an instruction via a network Nw to an asynchronous VTR 1B being a distribution source to set the asynchronous VTR 1B, and the asynchronous VTR 1B reproduces a magnetic recording tape medium of the distribution source, uses its built-in encoder to **convert** the reproduced video **image** into a **low** resolution video image and

transmits the video image to the **network** Nw via a built-in buffer memory. The computer 5 captures the video image from the network Nw and displays it on its screen. The asynchronous VTR 1B confirms the transmission state of the network Nw to adjust a transmission rate for that time and continues/temporarily stops the transmission processing depending on the storage state of the buffer memory. The asynchronous VTR 1B continues/temporarily stops the processing of reading the video image from the magnetic recording tape medium and of storing the video image to the buffer memory depending on the storage state of the buffer memory.

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14/5/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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07542360 **Image available**

DOCUMENT PROCESSING SYSTEM AND METHOD, CLIENT TERMINAL, SERVER DEVICE, PROGRAM AND STORAGE MEDIUM

PUB. NO.: 2003-036200 [JP 2003036200 A]

PUBLISHED: February 07, 2003 (20030207)

INVENTOR(s): ICHIMURA SATORU

APPLICANT(s): FUJI XEROX CO LTD

APPL. NO.: 2001-221286 [JP 20011221286]

FILED: July 23, 2001 (20010723)

INTL CLASS: **G06F-012/00 ; G06F-013/00 ; G06F-017/21 ; G06T-001/00 ; H04N-001/387**

ABSTRACT

PROBLEM TO BE SOLVED: To downsize the file of a document without lowering access performance to an original document file in a document processing system for processing the document.

SOLUTION: A generating-side client terminal 30 transmits the whole original document to a server device 70. An object compression part 74 in the **server** device 70 **converts** a **high** resolution **picture** included in the received original document to a **low** resolution picture. An object substitution part 76 generates a substituted document of a small data quantity by using the low resolution picture and transmits it to the terminal 30 via a substituted document output part 78. A database 80 stores the entire original document in reference to the low resolution picture. The terminal 30 receives the substituted document from the server device 70 by a substituted document receiving part 36 to display- output a document picture and when printing and editing are performed, the terminal 30 reads the original document from the database 80 in the server device 70 and use it.

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14/5/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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07444267 **Image available**

METHOD AND DEVICE FOR ELECTRONICALLY DISTRIBUTING MOTION PANORAMIC IMAGE

PUB. NO.: 2002-312778 [JP 2002312778 A]

PUBLISHED: October 25, 2002 (20021025)

INVENTOR(s): FURLAN JOHN L W
FLUKER DEREK
APPLICANT(s): BE HERE CORP
APPL. NO.: 2001-110681 [JP 20011110681]
FILED: April 09, 2001 (20010409)
INTL CLASS: G06T-003/00; H04N-001/00 ; H04N-007/18

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic distribution system efficiently distributing motion panoramic image information.

SOLUTION: Regarding an electronic image distribution device distributing motion panoramic images, the main part of the device is a motion panoramic image server having a motion panoramic image source. A panoramic image frame source can be connected to a motion panoramic image reproducing device or a motion panoramic camera system. The motion panoramic **image server** converts a panoramic **image** frame to a more useful **high** intermediate format so as to electronically transmit it. Especially, a part with a panoramic image is encoded with quality higher than other parts. A client computer obtains information regarding encoding and subscribes one or more tiles depending on the view point of an object.

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14/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07364363 **Image available**
SYSTEM AND METHOD FOR DISTRIBUTING CONTENTS, AND PROGRAM

PUB. NO.: 2002-232860 [JP 2002232860 A]
PUBLISHED: August 16, 2002 (20020816)
INVENTOR(s): NOGUCHI DAISUKE
YAMAGUCHI SHINICHI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 2001-025486 [JP 20011025486]
FILED: February 01, 2001 (20010201)
INTL CLASS: H04N-007/173 ; G06F-012/00 ; G06F-013/00 ; H04N-005/76 ;
H04N-005/92 ; H04N-005/93 ; H04N-007/08 ; H04N-007/081 ;
H04N-007/32

ABSTRACT

PROBLEM TO BE SOLVED: To provide the distribution service of video contents through a network while one video contents are preserved.

SOLUTION: The moving picture distributing system is provided with an application server 4 having a WWW server function part 44 for receiving the discharge request of a moving picture (video contents) from a user through the Internet 3, a retrieval processing part 43 for retrieving the moving picture from an MPEG-2 data-base 51 accumulating the moving picture of a prescribed compression system (MPEG-2 system) based on the received discharge request, and a transcoder 60 for distributing the retrieved moving **picture** while it is **converted** into a system that can be distributed by the **Internet** 3 at **high** speed (converted from the MPEG-2 system into MPEG-4 system).

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14/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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07362081 **Image available**
CLIENT FOR DISPLAYING IMAGE DATA AND SERVER FOR CREATING IMAGE DATA

PUB. NO.: 2002-230578 [JP 2002230578 A]
PUBLISHED: August 16, 2002 (20020816)
INVENTOR(s): MAEDA TAKESHI
OOKASHI HITOSHI
APPLICANT(s): MITSUBISHI ELECTRIC CORP
APPL. NO.: 2001-022375 [JP 20011022375]
FILED: January 30, 2001 (20010130)
INTL CLASS: G06T-015/00; **G06F-017/50**

ABSTRACT

PROBLEM TO BE SOLVED: To display volume data in a general environment with **low** processing capability of **low** cost.

SOLUTION: A client 1 for displaying **image** data inputs parameter data for **creating image** data, and transmits to a **server** 3 for creating image data through a network. The server 3 for creating image data receives the parameter data, reads the volume data registered in a database and creates volume rendering image data by a volume rendering part 32, and transmits to the client 1 for displaying image data. The client 1 for displaying image data displays the transmitted volume rendering image data.

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14/5/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
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07354964 **Image available**
IMAGE CODING METHOD AND DEVICE, AND IMAGE DECODING METHOD AND DEVICE

PUB. NO.: 2002-223455 [JP 2002223455 A]
PUBLISHED: August 09, 2002 (20020809)
INVENTOR(s): NAKACHI TAKAYUKI
FUJII TATSUYA
FUJII TETSUO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 2001-019694 [JP 20011019694]
FILED: January 29, 2001 (20010129)
INTL CLASS: **H04N-011/04** ; H03M-007/30; **H04N-001/41** ; **H04N-007/30**

ABSTRACT

PROBLEM TO BE SOLVED: To provide an image coding technology that can compress an image with a statistic property different from that of a natural image such as a pathological image with a high efficiency while preventing visual deterioration.

SOLUTION: The image coder adopts a configuration that reversible color conversion employing the reversible KL conversion realized by a ladder circuit **network** is applied to an **image** to code the **converted image** in a form of reversible **conversion** . Thus, the **image** coder can efficiently apply reversible **conversion** to an **image** with a statistic

property different from that of a natural image such as a pathological image and an image with **high** quality can be stored on a disk with a small disk capacity. Furthermore, the coder adopts a configuration of conducting the reversible coding in a scalable way. Thus, the image decoder of this invention can flexibly decode an image in response to a network transmission band and the coding technology suitable for a remote medical treatment or the like can be provided.

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14/5/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

07301557 **Image available**

IMAGE DELIVERY SYSTEM, IMAGE DELIVERY METHOD, AND PROGRAM STORAGE MEDIUM THEREFOR

PUB. NO.: 2002-170037 [JP 2002170037 A]

PUBLISHED: June 14, 2002 (20020614)

INVENTOR(s): NAKAMURA HIROTAKA
SUZUKI HIDEO

APPLICANT(s): CASIO COMPUT CO LTD

APPL. NO.: 2000-366441 [JP 2000366441]

FILED: December 01, 2000 (20001201)

INTL CLASS: G06F-017/60 ; G06F-013/00 ; G06F-017/30 ; H04N-001/387

ABSTRACT

PROBLEM TO BE SOLVED: To deliver a **highly** tasteful interior image via a **network** at **low** cost or free while successively **changing** only the **image** suitable for a user's taste, following the contents of a use contract for delivery service the user made.

SOLUTION: A system server 1 stores and manages the contract contents every contract user who made the use contact for delivery service, successively selects each interior image for each contract user from background image file groups, and automatically delivers it to the home server 2 of the user. The home server 2 displays and outputs each interior image successively transmitted from the system server 1 in designated window devices A, B and C. Since each interior image is delivered with a sponsor advertisement added thereto, the image with advertisement is displayed.

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14/5/9 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO

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07205193 **Image available**

SYSTEM AND METHOD FOR PROVIDING IMAGE

PUB. NO.: 2002-073616 [JP 2002073616 A]

PUBLISHED: March 12, 2002 (20020312)

INVENTOR(s): KANEKO TOSHIKAZU

APPLICANT(s): MEGAFUSION CORP

APPL. NO.: 2000-263003 [JP 2000263003]

FILED: August 31, 2000 (20000831)

INTL CLASS: G06F-017/30 ; G06F-013/00 ; G06F-017/60 ; H04N-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To easily and reliably perform individual authentication processing through a wide area **network** even when an automatic photographic motion picture cameras having **high** publicness is used and to make up for a user interface obtained by **simplifying** the automatic **photographic** motion **picture** camera.

SOLUTION: An image storing base station 1, automatic photographic motion picture cameras 2, a game device 3 corresponding to a network, a personal computer 5, a mobile communication portable terminal device 14 connected to the base station 13 of a mobile communication network NW2 by radio, etc., are mutually connected through the wide area network NW1. The base station 1 is provided with a communication controlling part 20 for following the protocol of the wide area network NW1 and transmitting and receiving data, an image information database 21 for storing a received image, sound accompanying the image, etc., and an identification code issuing means 25 for issuing an identification code.

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14/5/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

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06850666 **Image available**

PROGRAM PROVIDING SYSTEM

PUB. NO.: 2001-078166 [JP 2001078166 A]

PUBLISHED: March 23, 2001 (20010323)

INVENTOR(s): ONO JUICHI

SATO MAKOTO

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD

APPL. NO.: 11-251910 [JP 99251910]

FILED: September 06, 1999 (19990906)

INTL CLASS: H04N-007/173 ; H04N-005/91 ; H04N-005/765

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a program providing system that can produce programs with various reproduction formats, easily edit the programs again, and transmit a program with high image quality whose reproduction format is adapted to a reproduction terminal to the reproduction terminal.

SOLUTION: A server 1 stores multi-format contents each of which has a plurality of kinds of moving picture formats. The multi-format contents have a moving picture format suitable for edit.processing that is not compressed or compressed at a **low** compression rate and have a moving picture format suitable for distribution of one or more kinds **converted** from the above moving **picture** format that is compressed at a **high** compression rate. The **server** 1 provides a program with a moving picture format that is compressed at a high compression rate to reproduction terminals 13, 14 in matching with the specification of them and a channel capacity of a network. A new moving picture format can easily be added to the multi-format contents that have high extension performance. A program is edited again as moving picture data that are not compressed or compressed at a low compression rate and each of data for reproduction is converted altogether by converting the moving picture data.

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14/5/11 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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06673552 **Image available**

DATA PROCESSOR, IMAGE OUTPUT CONTROLLER, DATA TRANSFER METHOD, IMAGE OUTPUT CONTROL METHOD AND STORAGE MEDIUM STORING COMPUTER READABLE PROGRAM

PUB. NO.: 2000-259378 [JP 2000259378 A]

PUBLISHED: September 22, 2000 (20000922)

INVENTOR(s): MORI AKITO

FUNAMIZU YOSHIHIRO

HOSOMI YOSHIHIRO

APPLICANT(s): CANON INC

APPL. NO.: 11-065756 [JP 9965756]

FILED: March 12, 1999 (19990312)

INTL CLASS: G06F-003/12 ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To quickly cope with some trouble by transferring output information a **server** receives to a next specified **image** processor and **changing** an output schedule even if the trouble occurs to an image output device of **high** priority order.

SOLUTION: This device has characteristics that output information, to which an image outputted party of order of high priority for specifying an alternative outputted party on the basis of order of output priority is imparted, is transferred from a personal computer 7 to a digital copying machine 1 of high priority order and the output information that cannot be outputted according to the image outputted party following the order of priority is automatically transferred to a network printer 8 when the digital copying machine 1 which receives the transferred output information cannot output the output information.

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14/5/12 (Item 12 from file: 347)

DIALOG(R)File 347:JAPIO

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06471756 **Image available**

IMAGE OUTPUT SYSTEM

PUB. NO.: 2000-057331 [JP 2000057331 A]

PUBLISHED: February 25, 2000 (20000225)

INVENTOR(s): ONO TETSUTARO

ARAI TAKASHI

APPLICANT(s): DAINIPPON PRINTING CO LTD

APPL. NO.: 10-219349 [JP 98219349]

FILED: August 03, 1998 (19980803)

INTL CLASS: G06T-003/40; H04N-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to directly output image data of optimum resolution at each time without previously generating and storing image data of low resolution by extracting image data of low resolution from image data for providing plural resolution levels by respective low resolution image extraction means and converting the low resolution image data into output raster image data by an image conversion means.

SOLUTION: In the case of outputting edition data, low resolution image extraction means 2a to 2c execute processing for extracting image data of proper low resolution from original image data and transfer the extracted low resolution image data to a print server computer 3 through a LAN 6. An image conversion means 4 converts the low resolution image data transferred from client computers 1a to 1c into output raster image data. The computer 3 outputs the output raster image data to a prescribed one of plural image output means 5a to 5c through an interface 7.

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14/5/13 (Item 13 from file: 347)

DIALOG(R)File 347:JAPIO

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06220010 **Image available**

ADAPTIVE TRANSMISSION CONTROL SYSTEM

PUB. NO.: 11-161571 [JP 11161571 A]

PUBLISHED: June 18, 1999 (19990618)

INVENTOR(s): KURITA TOSHIHIKO

FUJINO SHINJI

IIDA ICHIRO

APPLICANT(s): FUJITSU LTD

APPL. NO.: 09-325997 [JP 97325997]

FILED: November 27, 1997 (19971127)

INTL CLASS: G06F-013/00 ; G06F-013/00 ; H04B-003/04; H04B-007/005;

H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To transmit image information to a client with the delay a degree without giving unpleasant feeling even when using a radio channel and a low- speed channel whose the throughput fluctuates.

SOLUTION: Image request signals from a client 1 are informed to a server 3 provided with original images through a proxy server 2 in the case that the image information is not stored in a cache 3 of the proxy server 2 and the image information sent from the server 3 is stored in the cache 4. The proxy server 2 inquires a channel speed prior to the transmission of the image information and the client 1 informs the channel speed. The proxy server 2 changes the image quality of the image information by an image quality change function 2a corresponding to the channel speed, transmits it to the client 1 and stores the image information of the changed image quality in the cache 4. The proxy server 2 can be provided with a frequency component separation function 2b, a low frequency component can be sent to the client 1 and a high frequency component can be sent later.

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14/5/14 (Item 14 from file: 347)

DIALOG(R)File 347:JAPIO

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05950817 **Image available**

IMAGE PROCESSING SYSTEM

PUB. NO.: 10-233917 [JP 10233917 A]

PUBLISHED: September 02, 1998 (19980902)

INVENTOR(s): ISHIKAWA YASUNORI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 09-046897 [JP 9746897]
FILED: February 17, 1997 (19970217)
INTL CLASS: [6] **H04N-001/387** ; B41J-002/44; B41J-005/30; **G06F-003/12** ;
H04N-001/00
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.3
(INFORMATION PROCESSING -- Input Output Units)

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the transmission amount of **image** data through a **network** by **converting** and encoding the resolution of inputted image data into a prescribed **low** level, almost reproducing resolution and outputting it after the coded image data is decoded by a printer.

SOLUTION: When image data has, e.g. 600dpi (600 dots per inch) resolution, a resolution converting part 202 converts it into, e.g. 400dpi. Image data that is converted into 400dpi is converted into coded image data by an image coding part 203. An image decoding part 207 executes decoding processing of image data to coded image data that is transmitted through a network 100 through an invertible coding system that is used by the part 203 of a scanner 101. Further, decoded image data is returned into image data of 600dpi again by a resolution converting part 206. A printing part 205 prints the image data of 600dpi and outputs it

14/5/15 (Item 15 from file: 347)

DIALOG(R)File 347:JAPIO

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05904264 **Image available**

NETWORK PRINTER

PUB. NO.: 10-187364 [JP 10187364 A]
PUBLISHED: July 14, 1998 (19980714)
INVENTOR(s): TOKIWA TAKUYA
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-349328 [JP 96349328]
FILED: December 27, 1996 (19961227)
INTL CLASS: [6] **G06F-003/12** ; B41J-005/30; B41J-029/38; **G06F-013/00**
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 29.4
(PRECISION INSTRUMENTS -- Business Machines); 45.2
(INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PROBLEM TO BE SOLVED: To store the print-out history data of an actual print-out image with a little capacity, and to easily confirm it.

SOLUTION: A data receiving means 1a of a network printer 1 receives a print data file 2 inputted through a **network**. A **low** resolution **picture** data generating means 1d **converts** bit map data developed by an image developing means 1b into **low** resolution bit map data, and generates **low** resolution picture data. Then, a data storing means 1e stores the low resolution picture data in a storage device 1f as print-out history data. A user selects desired data from among the print-out history data stored in the storage device 1f by using a history data selection and display commanding means 3, and commands display. Then, a display controlling means 1g reads the selected print-out history data from the storage device 1f, and allows a display device 4 to display the data on the screen.

14/5/16 (Item 16 from file: 347)

DIALOG(R)File 347:JAPIO

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05888630 **Image available**

IMAGE TRANSFERRING METHOD

PUB. NO.: 10-171730 [JP 10171730 A]
PUBLISHED: June 26, 1998 (19980626)
INVENTOR(s): OKAYAMA MASAYA
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-333384 [JP 96333384]
FILED: December 13, 1996 (19961213)
INTL CLASS: [6] **G06F-013/00** ; **G06F-003/153** ; G06T-003/40
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.3
(INFORMATION PROCESSING -- Input Output Units); 45.9
(INFORMATION PROCESSING -- Other)
JAPIO KEYWORD:R012 (OPTICAL FIBERS)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an image transferring method by which image data high in quality can be quickly transmitted to a user at a client side, and communication cost can be reduced.

SOLUTION: In this image transferring method for reducing a **network** load and transferring picture data when data **high** in resolution are necessary at a client side, data transferred to the client are **converted** into an optimized **high** resolution **picture** by using an **image conversion** plug-in module 308. In this case, a screen resolution setting program 306 is used for inspecting the resolution of the display device of the client. The result generated by the program 306 is transmitted to a picture conversion program 304. The transmitted data can be turned into the image high in quality and capable of being most easily viewed in a browser to which a reader is watched.

14/5/17 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

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05881419 **Image available**

IMAGE DATA INTERPOLATING DEVICE

PUB. NO.: 10-164519 [JP 10164519 A]
PUBLISHED: June 19, 1998 (19980619)
INVENTOR(s): SUGA KAZUYUKI
MATSUOKA TERUHIKO
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-313848 [JP 96313848]
FILED: November 25, 1996 (19961125)
INTL CLASS: [6] **H04N-007/01** ; **G06F-015/18**
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 45.4 (INFORMATION
PROCESSING -- Computer Applications)
JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an image data interpolating device, capable of executing interpolating processing according to an input image,

obtaining a **high** -quality still **image** and **simplifying** the structure of a hierarchical neural **network** to be used for interpolating processing.

SOLUTION: This device is provided with an A/D converter 1 for A/D-converting an input video signal Pi to an image data D, an interpolating processing part 6 for generating an image data D' by interpolate-proceeding an image data D, and a D/A converter 3 D/A-converting image data D' to an output video signal Po. An interpolating processing part 6 generates image data of an interpolation pixel by the hierarchical neural network learning, based on existent pixel data of a peripheral pixel in a prescribed range including a pixel to interpolate by each pixel to interpolate

14/5/18 (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO
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05679455 **Image available**
IMAGE REMOTE SHARING SYSTEM

PUB. NO.: 09-294255 [JP 9294255 A]
PUBLISHED: November 11, 1997 (19971111)
INVENTOR(s): MIYAUCHI MITSURU
TAKAHASHI KENZO
SHINONOME MASASHI
UEKI KOJI
MIYAZAWA TAKANORI
SUZUKI TOSHIO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
TOYO ENG CORP [352421] (A Japanese Company or Corporation), JP (Japan)
N T T ADVANCE TECHNOL KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-106506 [JP 96106506]
FILED: April 26, 1996 (19960426)
INTL CLASS: [6] H04N-007/14 ; G06F-013/00 ; G06F-013/00
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD:R060 (MACHINERY -- Automatic Design); R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR)

ABSTRACT

PROBLEM TO BE SOLVED: To provide the image remote sharing system in which information exchange and display are attained between different models of large sized computers or terminal computers, a high definition computer image such as CAD is transferred at a high speed with high efficiency together with a dynamic image to each terminal equipment and a cooperating job is made efficient.

SOLUTION: An image processing computer 1 for an application such as CAD stores image information while being divided into a dynamic image and a still image. A center side desk-top conference system terminal 2-1 receives a dynamic image as a video signal via a scan **converter** 4 and a still **image** is received as **high** definition image data through file transfer by a **LAN network** 3 and is distributed to a remote side desk-top conference system terminal 2-2. Each terminal 2-2 has an image drawn input means and displays the image received from other terminal equipment and the image is drawn on the image and the computer image received from an optional terminal is displayed synchronously between terminals by an image storage means and efficient cooperating job is attained.

14/5/19 (Item 19 from file: 347)
DIALOG(R)File 347:JAPIO
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05548362 **Image available**
IMAGE PROCESSING METHOD AND DEVICE

PUB. NO.: 09-163162 [JP 9163162 A]
PUBLISHED: June 20, 1997 (19970620)
INVENTOR(s): NOBUMIYA TOSHIAKI
INOUE YUJI
IMAIZUMI MASAAKI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-320412 [JP 95320412]
FILED: December 08, 1995 (19951208)
INTL CLASS: [6] H04N-001/60 ; G06T-005/00; H04N-001/46 ; H04N-009/30 ;
H04N-009/79
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.6
(COMMUNICATION -- Television); 45.9 (INFORMATION PROCESSING
-- Other)
JAPIO KEYWORD:R005 (PIEZOELECTRIC FERROELECTRIC SUBSTANCES); R011 (LIQUID
CRYSTALS); R105 (INFORMATION PROCESSING -- Ink Jet Printers)

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an output color image with high image
quality and fidelity to an input color image.

SOLUTION: The device is provided with an input section 1 receiving plural
color image signals, an image processing section 4 executing the arithmetic
processing based on an algorithm of a cellular neural network to plural
received color image signals, and a comparison discrimination section 5
deciding output color data based on the processing result by the image
processing section 4. Then input multilevel color **image** data are
converted into output color **image** data based on the algorithm of the
neural **network**. Thus, an output color image with **high** image quality and
fidelity to the input color image is obtained.

14/5/20 (Item 20 from file: 347)
DIALOG(R)File 347:JAPIO
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05548264 **Image available**
IMAGE COMMUNICATION EQUIPMENT

PUB. NO.: 09-163064 [JP 9163064 A]
PUBLISHED: June 20, 1997 (19970620)
INVENTOR(s): SEKIGUCHI KIYONORI
APPLICANT(s): MATSUSHITA GRAPHIC COMMUN SYST INC [330729] (A Japanese
Company or Corporation), JP (Japan)
APPL. NO.: 07-325429 [JP 95325429]
FILED: December 14, 1995 (19951214)
INTL CLASS: [6] H04N-001/00 ; G06K-009/00
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.2
(COMMUNICATION -- Transmission Systems); 44.7 (COMMUNICATION
-- Facsimile); 45.3 (INFORMATION PROCESSING -- Input Output
Units)
JAPIO KEYWORD:R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

ABSTRACT

PROBLEM TO BE SOLVED: To **convert** and work **image** data so as to treat the image data as an formation in a **high** degree on an **internet** as a simple constitution by relating a data description form and image data and outputting the data on the internet.

SOLUTION: The header information for a data description HTML(hyper text workup language) is generated in an HTML conversion part 3 and an HTML document description structural body is generated. By incorporating facsimile information into this HTML format, the synthesized data file that the document description structural body and an image file are synthesized is generated, data is made into a text and the data of a compression/non-compression, etc., is stored in an image file 19 in the form of a file. Next, a file control processing is performed, a file name imparting processing is performed, further, the transmission data of the HTML description form is transferred from a facsimile equipment 1 to a personal computer 9 by using an interface 5 to be a bi-directional parallel data interface and an interface 11 and the data is transmitted on an internet

14/5/21 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

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05532299 **Image available**

GRADATION CONVERSION PROCESSING SYSTEM FOR DIGITAL IMAGE

PUB. NO.: 09-147099 [JP 9147099 A]

PUBLISHED: June 06, 1997 (19970606)

INVENTOR(s): BESSHO MITSUKO

SANO KOICHI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)

HITACHI MEDICAL CORP [420143] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 07-305694 [JP 95305694]

FILED: November 24, 1995 (19951124)

INTL CLASS: [6] G06T-005/00; **G06F-015/18** ; **H04N-001/407**

JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PROBLEM TO BE SOLVED: To easily execute an automatic gradation conversion processing corresponding to many observers and every facility and also to observe a **high** - resolution gradation **conversion image** at a remote place, etc., by using a neural **network** to calculate the parameter that is needed for production of a conversion curve used for the gradation conversion of the digital image.

SOLUTION: A gradation conversion NN(neural network) 6 is produced so as to estimate and output a parameter that is used for setting a desired conversion curve when the feature value obtained based on the value set by the features of a digital image, e.g. the density histogram is inputted. When the feature value calculated from the density histogram of the digital image is inputted to the NN 6 thus produced, from a feature input part 5, a proper parameter is estimated for setting a desired conversion curve and outputted. Based on this parameter, a conversion curve production part 7 produces a conversion curve. A gradation conversion processing part 8 applies the gradation conversion to the digital image read by an input

device 1 based on the conversion curve produced at the part 7

14/5/22 (Item 22 from file: 347)
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05231316 **Image available**
SUB BAND CODING METHOD

PUB. NO.: 08-186816 [JP 8186816 A]
PUBLISHED: July 16, 1996 (19960716)
INVENTOR(s): TAKAHASHI TSUTOMU
APPLICANT(s): PIONEER ELECTRON CORP [000501] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-328709 [JP 94328709]
FILED: December 28, 1994 (19941228)
INTL CLASS: [6] H04N-007/30 ; G06T-009/00; H03M-007/30
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 42.4 (ELECTRONICS -- Basic Circuits); 45.9 (INFORMATION PROCESSING -- Other)

ABSTRACT

PURPOSE: To realize the sub band coding method in which a video signal is compressed at a **high** compression efficiency and **weblet conversion** with less **image** quality deterioration in a decoded image is adopted.

CONSTITUTION: Each quantization step width for an LH signal at a frequency band higher in the vertical direction and lower in the horizontal direction, an HL signal at a frequency band lower in the vertical direction and higher in the horizontal direction, and an HH signal at a frequency band higher in both the vertical direction and horizontal direction in a layer including a highest frequency component in a luminance signal and a color difference signal divided into plural frequency bands respectively is selected to be LH signal <HL signal <HH signal as to the luminance signal and to be HL signal <LH signal <HH signal as to the chrominance signal. Thus, the video signal is compressed at a high compression efficiency and the deterioration in the image quality of the decoded image is reduced

14/5/23 (Item 23 from file: 347)
DIALOG(R)File 347:JAPIO
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05231315 **Image available**
SUB BAND CODING METHOD

PUB. NO.: 08-186815 [JP 8186815 A]
PUBLISHED: July 16, 1996 (19960716)
INVENTOR(s): MURAKOSHI TAKA
APPLICANT(s): PIONEER ELECTRON CORP [000501] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-328708 [JP 94328708]
FILED: December 28, 1994 (19941228)
INTL CLASS: [6] H04N-007/30 ; G06T-009/00; H03M-007/30; H03M-007/46
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 42.4 (ELECTRONICS -- Basic Circuits); 45.9 (INFORMATION PROCESSING -- Other)

ABSTRACT

PURPOSE: To realize the sub band coding method in which a video signal is compressed at a **high** compression efficiency and **weblet conversion** with less **image** quality deterioration in a decoded image is adopted.

CONSTITUTION: A digital video signal is divided into plural frequency bands in the vertical and horizontal directions in a spatial frequency region through 2-dimension multi-layer weblet conversion, and the signals are rearranged into plural data blocks each comprising number of data such as 8X8 for each sampling unit of the digital video signals. When data in the data blocks are scanned in a prescribed sequence to generate data strings, the data are scanned so as to easily cause 0-run. Since 0-run takes place frequently, efficient coding is conducted in the run length coding and the video signal is compressed at a high compression efficiency and the deterioration in the image quality of a decoded image is reduced

14/5/24 (Item 24 from file: 347)

DIALOG(R)File 347:JAPIO

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05061302 **Image available**

PICTURE PROCESSING METHOD, PICTURE PROCESSOR AND PICTURE PROCESSING SYSTEM

PUB. NO.: 08-016802 [JP 8016802 A]

PUBLISHED: January 19, 1996 (19960119)

INVENTOR(s): YAMAMOTO KUNIHIRO

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 06-151955 [JP 94151955]

FILED: July 04, 1994 (19940704)

INTL CLASS: [6] G06T-011/60; **G06F-003/12 ; G06F-013/00**

JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 45.2 (INFORMATION
PROCESSING -- Memory Units); 45.3 (INFORMATION PROCESSING --
Input Output Units)

JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)

ABSTRACT

PURPOSE: To provide a picture processing method/picture processor/picture processing system, which realize picture output using the performance of various picture output devices without giving a burden on a network.

CONSTITUTION: Bit map data f1 is adhered to document data generated in a document editing part 1a. In editing, image data of low resolution is used. On printing, a PDL conversion part 1b converts edited document data into PDL data 1c and it is inputted to a printer server 4 with information designating an image f1. The printer **server** 4 acquires **image** data by PDS **conversion** part 4a before PDL data is inputted to a PDL interpreter 4b. Here, bit map data F1 with **high** resolution is obtained by f1 designating bit map data and it is inputted to the PDL interpreter 4b. The PDL interpreter develops a whole document into bit map data.

14/5/25 (Item 25 from file: 347)

DIALOG(R)File 347:JAPIO

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03461271 **Image available**

HIGH VISION STILL PICTURE PROGRAM PRODUCING EQUIPMENT

PUB. NO.: 03-124171 [JP 3124171 A]

PUBLISHED: May 27, 1991 (19910527)

INVENTOR(s): KUBOTA YASUO
MOTEGI TOSHIO

MUROTA HIDEKI
APPLICANT(s): DAINIPPON PRINTING CO LTD [000289] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-263262 [JP 89263262]
FILED: October 09, 1989 (19891009)
INTL CLASS: [5] **H04N-005/222 ; H04N-005/253 ; H04N-005/278**
JAPIO CLASS: 44.6 (COMMUNICATION -- Television)
JOURNAL: Section: E, Section No. 1103, Vol. 15, No. 330, Pg. 64, August 22, 1991 (19910822)

ABSTRACT

PURPOSE: To edit a High Vision still picture program with a desired direction and progress of scenes with comparatively inexpensive equipment constitution by using an original picture inputted by a scanner and editing a 2nd High Vision still picture data whose picture element density is lower than that of a 1st High Vision still picture data.

CONSTITUTION: A scanner 1 reads an original to generate an original picture data and the data is inputted to a High Vision edit section 5 and a High Vision still picture edit section 7. Moreover, a command such as a character code is inputted from a wordprocessor 3 to the **High** Vision edit section 5 via a **network**. The **High** Vision edit section 5 **converts** the generated original **picture** data into a 2nd **High** Vision still picture data according to the command inputted to an EWS 10 by the operator and applies direction such as scene change or wiping according to the input command to edit the still picture program.

14/5/26 (Item 26 from file: 347)

DIALOG(R) File 347:JAPIO

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03438592 **Image available**

HIGH DENSITY PICTURE CONVERSION PROCESSING SYSTEM

PUB. NO.: 03-101492 [JP 3101492 A]
PUBLISHED: April 26, 1991 (19910426)
INVENTOR(s): MATSUMOTO YOSHIKO
TAKASHIMA KATSUHIKO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-237015 [JP 89237015]
FILED: September 14, 1989 (19890914)
INTL CLASS: [5] **H04N-007/173**
JAPIO CLASS: 44.6 (COMMUNICATION -- Television)
JOURNAL: Section: E, Section No. 1092, Vol. 15, No. 288, Pg. 144, July 22, 1991 (19910722)

ABSTRACT

PURPOSE: To observe a high density picture with a standard density type terminal equipment by displaying entire information on a rough density picture and displaying detailed information with quadrant designation when the standard density type terminal equipment retrieves a high density picture.

CONSTITUTION: The CAPTAIN system consists of an information center 1, a gateway device 3, a control exchange device 5, a picture converter 6, a videotex communication processing unit 2 comprising a videotex communication **network** 4, a standard density type terminal equipment 7 and a **high** density type terminal equipment 8. A **high** density type **picture**

data is **converted** into a dot pattern by a request from the standard density type terminal equipment 7, dot-compressed into 1/2 and sent to the terminal equipment 7 and an optional quadrant in sent among expanded dot pattern information by the designation from the terminal equipment 7. Thus, the high density type picture is observed by the standard density type terminal equipment 7.

14/5/27 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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015559780 **Image available**

WPI Acc No: 2003-621936/200359

XRPX Acc No: N03-495492

Image processing system communicates low-resolution image processed by personal computer to print traders, over internet

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2003187258 | A | 20030704 | JP 2001387447 | A | 20011220 | 200359 B |

Priority Applications (No Type Date): JP 2001387447 A 20011220

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2003187258 | A | 6 | G06T-011/80 | |

JP 2003187258 A 6 G06T-011/80

Abstract (Basic): JP 2003187258 A

NOVELTY - The user terminal (14) such as personal computer processes the **low** resolution image acquired from a digital camera, and transmits over the **internet** to the print trader. The **low** resolution **image** is **converted** to **high** resolution **image** according to the conditions stored in the memory (28) of the trader system (14).

USE - For printing postcards and posters of high resolution.

ADVANTAGE - Image data transmitting time is reduced, and hence cost is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the image processing system. (Drawing includes non-English language text).

print trader (12)
user terminal (14)
memory (28)
pp; 6 DwgNo 1/2

Title Terms: IMAGE; PROCESS; SYSTEM; COMMUNICATE; LOW; RESOLUTION; IMAGE;

PROCESS; PERSON; COMPUTER; PRINT

Derwent Class: T01; T04

International Patent Class (Main): G06T-011/80

International Patent Class (Additional): **G06F-003/12 ; H04N-001/387 ;**

H04N-001/40

File Segment: EPI

14/5/28 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015411145 **Image available**

WPI Acc No: 2003-473285/200345

XRPX Acc No: N03-376445

Moving image delivery server for image transceiver system, has image processor which changes specific object in moving image according to high priority request received from one of client devices through Internet

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2003046978 | A | 20030214 | JP 2001232740 | A | 20010731 | 200345 B |

Priority Applications (No Type Date): JP 2001232740 A 20010731

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|--------------|--------------|
| JP 2003046978 | A | 8 | H04N-007/173 | |

Abstract (Basic): JP 2003046978 A

NOVELTY - A delivery processor (1a) arbitrates image delivery requests received through Internet (2) from client devices (31-3n), based on predetermined conditions. An image processor (1b) changes a specific object in a moving image according to the high priority request and encodes the image to produce moving image data. The delivery processor delivers the moving image data to the requested client devices through Internet.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) moving image delivery method;
- (2) moving image transceiver system;
- (3) moving image delivery program; and
- (4) recorded medium storing moving image delivery program.

USE - Moving image delivery server used in moving image transceiver system (claimed) for delivering moving images in video games such as car race, soccer games, etc., to client terminals through Internet.

ADVANTAGE - Enables handling multiple user requests, thereby delivering moving images to client devices at a high speed.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the moving image transceiver system. (Drawing includes non-English language text).

delivery processor (1a)
image processor (1b)
Internet (2)
client devices (31-3n)
pp; 8 DwgNo 1/8

Title Terms: MOVE; IMAGE; DELIVER; SERVE; IMAGE; TRANSCEIVER; SYSTEM; IMAGE ; PROCESSOR; CHANGE; SPECIFIC; OBJECT; MOVE; IMAGE; ACCORD; HIGH; PRIORITY; REQUEST; RECEIVE; ONE; CLIENT; DEVICE; THROUGH

Derwent Class: T01; W02

International Patent Class (Main): H04N-007/173

International Patent Class (Additional): H04H-001/02; H04N-007/24

File Segment: EPI

14/5/29 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015378855 **Image available**

WPI Acc No: 2003-439793/200341

XRPX Acc No: N03-350982

Document/poster composition and printing method in Internet, involves incorporating user-selected images received from website in document, and

requesting payment of fee based on received fee arrangement

Patent Assignee: ROSES J (ROSE-I)

Inventor: ROSES J

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20030055871 | A1 | 20030320 | US 2001917890 | A | 20010731 | 200341 B |

Priority Applications (No Type Date): US 2001917890 A 20010731

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|----------------|------|--------|-------------|--------------|
| US 20030055871 | A1 | 21 | G06F-015/16 | |

Abstract (Basic): US 20030055871 A1

NOVELTY - The user-selected images received from a remote website are incorporated in a document, and a payment of a fee is requested based on the fee arrangement received from the remote website.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) website for generating document; and

(2) system for generating document.

USE - For printing images received through Internet is printable document/poster.

ADVANTAGE - Allows users to **create** customized documents incorporating **high** resolution **images** selected by the user, and allows **websites** having **high** resolution images to generate revenue for access to their images.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating the document creation procedure.

pp; 21 DwgNo 4/12

Title Terms: DOCUMENT; POSTER; COMPOSITION; PRINT; METHOD; INCORPORATE;

USER; SELECT; IMAGE; RECEIVE; DOCUMENT; REQUEST; PAY; FEE; BASED; RECEIVE; FEE; ARRANGE

Derwent Class: T01

International Patent Class (Main): **G06F-015/16**

File Segment: EPI

14/5/30 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015154742 **Image available**

WPI Acc No: 2003-215269/200321

XRPX Acc No: N03-171849

Information distribution system converts high resolution image included in received original information into low resolution image and generates index information with reduced data amount based on low resolution image

Patent Assignee: FUJI XEROX CO LTD (XERF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2003037830 | A | 20030207 | JP 2001221287 | A | 20010723 | 200321 B |

Priority Applications (No Type Date): JP 2001221287 A 20010723

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|--------------|--------------|
| JP 2003037830 | A | 25 | H04N-007/173 | |

Abstract (Basic): JP 2003037830 A

NOVELTY - A **server** (70) has object compression unit (74) which **converts high resolution image** included in original information received from delivery agency terminal (30), into **low resolution image**. A control unit (76) generates index information with reduced data amount based on low resolution image. A transmitter (78) transmits the display information selected from index information, to client (50).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) information delivery method;
 - (2) server;
 - (3) client terminal;
 - (4) delivery agency terminal; and
 - (5) information distribution program; and
 - (6) storage medium storing information distribution program.
- USE - Information distribution system.

ADVANTAGE - Delivers information to client terminals at high speed and enables synchronous adjustment of display information by generating index information.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information distribution system. (Drawing includes non-English language text).

delivery agency terminal (30)
client (50)
server (70)
object compression unit (74)
control unit (76)
transmitter (78)
pp; 25 DwgNo 2/12

Title Terms: INFORMATION; DISTRIBUTE; SYSTEM; CONVERT; HIGH; RESOLUTION; IMAGE; RECEIVE; ORIGINAL; INFORMATION; LOW; RESOLUTION; IMAGE; GENERATE; INDEX; INFORMATION; REDUCE; DATA; AMOUNT; BASED; LOW; RESOLUTION; IMAGE

Derwent Class: T01; W02

International Patent Class (Main): H04N-007/173

International Patent Class (Additional): G06F-013/00 ; H04N-001/00 ; H04N-001/387 ; H04N-007/15

File Segment: EPI

14/5/31 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015138062 **Image available**

WPI Acc No: 2003-198588/200319

XRPX Acc No: N03-157810

Facsimile server with HTTP function, converts image data into specific image data format with respect to indication message received from client device

Patent Assignee: MURATA KIKAI KK (MURK)

Inventor: TANIMOTO Y

Number of Countries: 002 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020156923 | A1 | 20021024 | US,2002124042 | A | 20020416 | 200319 B |
| JP 2002320082 | A | 20021031 | JP 2001125547 | A | 20010424 | 200319 |
| JP 2002318760 | A | 20021031 | JP 2001120958 | A | 20010419 | 200319 |

Priority Applications (No Type Date): JP 2001125547 A 20010424; JP 2001120958 A 20010419

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20020156923 | A1 | | 25 | G06F-015/16 | |
| JP 2002320082 | A | | 9 | H04N-001/32 | |
| JP 2002318760 | A | | 8 | G06F-013/00 | |

Abstract (Basic): US 20020156923 A1

NOVELTY - An image converter converts an image data into a specific image data format with respect to an indication message received from a client device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for network system.

USE - Facsimile server with HTTP function, connected to client device such as PDA or portable terminal in network system (claimed).

ADVANTAGE - Since the **image** data is **converted** at **server**, even if the client device has **low** conversion ability, it is possible to refer to the image data under the most appropriate condition.

DESCRIPTION OF DRAWING(S) - The figure shows the screen view of the image data received by the HTTP service.

pp; 25 DwgNo 5/15

Title Terms: FACSIMILE; SERVE; FUNCTION; CONVERT; IMAGE; DATA; SPECIFIC;

IMAGE; DATA; FORMAT; RESPECT; INDICATE; MESSAGE; RECEIVE; CLIENT; DEVICE

Derwent Class: T01; W02

International Patent Class (Main): **G06F-013/00 ; G06F-015/16 ; H04N-001/32**

International Patent Class (Additional): H04L-012/58; **H04N-001/00**

File Segment: EPI

14/5/32 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015009105 **Image available**

WPI Acc No: 2003-069622/200307

XRPX Acc No: N03-054155

Image data processor used in video facility, has network communication unit which transmits details of associated configuration file to other networked image systems

Patent Assignee: AUTODESK CANADA INC (AUTO-N); DISCREET LOGIC INC (DISC-N)

Inventor: DICKIE G; THERIAULT E Y

Number of Countries: 003 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| GB 2374756 | A | 20021023 | GB 20019750 | A | 20010420 | 200307 B |
| US 20020165927 | A1 | 20021107 | US 2001925597 | A | 20010809 | 200307 |
| CA 2382653 | A1 | 20021020 | CA 2382653 | A | 20020419 | 200307 |

Priority Applications (No Type Date): GB 20019750 A 20010420

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

| | | | | | |
|------------|---|--|----|-------------|--|
| GB 2374756 | A | | 65 | H04Q-003/00 | |
|------------|---|--|----|-------------|--|

| | | | | | |
|----------------|----|--|--|--------------|--|
| US 20020165927 | A1 | | | G06F-015/167 | |
|----------------|----|--|--|--------------|--|

| | | | | | |
|------------|------|--|--|-------------|--|
| CA 2382653 | A1 E | | | G06T-001/00 | |
|------------|------|--|--|-------------|--|

Abstract (Basic): GB 2374756 A

NOVELTY - A network communication unit transmits details of an associated configuration file to other networked image systems to add configuration data to its networked configuration data structure corresponding to the details received from image processing systems

(101-108).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a computer-readable medium; and
- (b) an automatic network configuration data structure writing method.

USE - Used in video facility.

ADVANTAGE - Ensures automatic update of network configuration file in each computer whenever changes are made within **network**. Ensures **high** degree of **image** processing. Reduces overall **changes** in **network**. Ensures quick transfer of data. Reduces load of system administrator.

DESCRIPTION OF DRAWING(S) - The figure shows the networked image data processing environment.

Image processing systems (101-108)

pp; 65 DwgNo 1/25

Title Terms: IMAGE; DATA; PROCESSOR; VIDEO; FACILITY; NETWORK; COMMUNICATE; UNIT; TRANSMIT; DETAIL; ASSOCIATE; CONFIGURATION; FILE; IMAGE; SYSTEM

Derwent Class: T01

International Patent Class (Main): **G06F-015/167** ; G06T-001/00; H04Q-003/00

International Patent Class (Additional): G06T-001/60

File Segment: EPI

14/5/33 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014895998 **Image available**

WPI Acc No: 2002-716704/200278

XRPX Acc No: N02-565455

Image information converter converts standard image information to special image with recognition rate higher than standard image, when specific button is pressed

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| JP 2002252846 | A | 20020906 | JP 200150771 | A | 20010226 | 200278 B |

Priority Applications (No Type Date): JP 200150771 A 20010226

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|----------------|--------------|
| JP 2002252846 | A | | 6 H04N-007/173 | |

Abstract (Basic): JP 2002252846 A

NOVELTY - A user terminal browses a **website** using a **web server** through **internet** to receive a standard **image** information from the **website**. A **converter** **converts** the standard **image** information to a special image with a recognition rate **higher** than the standard image, when a specific button is pressed and displays special image on a display.

USE - Used for displaying special image with higher recognition rate on display of user terminal e.g. personal computer (PC) connected to internet.

ADVANTAGE - Since the special image with higher recognition rate is displayed, old people with weaker visual capacity is enabled to recognize the displayed image easily.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the special image displayed on the display. (Drawing includes

non-English language text).

pp; 6 DwgNo 3/3

Title Terms: IMAGE; INFORMATION; CONVERTER; CONVERT; STANDARD; IMAGE;
INFORMATION; SPECIAL; IMAGE; RECOGNISE; RATE; HIGH; STANDARD; IMAGE;
SPECIFIC; BUTTON; PRESS

Derwent Class: W02; W04

International Patent Class (Main): **H04N-007/173**

International Patent Class (Additional): **H04N-005/262**

File Segment: EPI

14/5/34 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014861323 **Image available**

WPI Acc No: 2002-682029/200273

XRPX Acc No: N02-538436

**Portable electronic camera records image in recording medium based on
input information regarding format, aspect ratio and compressible file
size of image**

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF); TANAKA H (TANA-I);
TSUBAKI H (TSUB-I); WATANABE M (WATA-I)

Inventor: TANAKA H; TSUBAKI H; WATANABE M

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|--------------|------|----------|----------|
| US 20020102938 | A1 | 20020801 | US 200257919 | A | 20020129 | 200273 B |
| JP 2002232680 | A | 20020816 | JP 200122119 | A | 20010130 | 200273 |

Priority Applications (No Type Date): JP 200122119 A 20010130

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|----------------|------|--------|--------------|--------------|
| US 20020102938 | A1 | 17 | H04H-001/00 | |
| JP 2002232680 | A | 12 | H04N-001/387 | |

Abstract (Basic): US 20020102938 A1

NOVELTY - An input device inputs information regarding recording
format, aspect ratio, numbers of pixels in vertical and horizontal
directions and compressible file size of a photographed image. A
recording device records the photographed image in a recording medium
(177) based on the input service information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
following:

- (1) Mobile phone;
- (2) Image transmission system; and
- (3) Image transmission method.

USE - Portable electronic camera photographing and storing images,
which are transmitted to a server through a mobile telephone (claimed)
for services such as printing and distribution of image in an image
transmission system (claimed).

ADVANTAGE - By recording images based on service information,
compression size of the **images** is **changed** automatically, hence
sufficient **image** data are transmitted to the **server** at **high**
speed.

DESCRIPTION OF DRAWING(S) - The figure shows the image transmission
system.

Recording medium (177)

pp; 17 DwgNo 1/7

Title Terms: PORTABLE; ELECTRONIC; CAMERA; RECORD; IMAGE; RECORD; MEDIUM;
BASED; INPUT; INFORMATION; FORMAT; ASPECT; RATIO; COMPRESS; FILE; SIZE;
IMAGE

Derwent Class: P75; T01; W01; W02; W04
International Patent Class (Main): H04H-001/00; **H04N-001/387**
International Patent Class (Additional): B41J-029/38; H04B-001/38;
H04H-007/00; H04M-001/00; H04M-011/00
File Segment: EPI; EngPI

14/5/35 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014793821 **Image available**
WPI Acc No: 2002-614527/200266
XRPX Acc No: N02-487043

Portable terminal equipment such as digital camera with facsimile transmission function, uses server to produce covering letter image data with high -definitive fonts and converts image data into facsimile format

Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| JP 2002218128 | A | 20020802 | JP 200114016 | A | 20010123 | 200266 B |

Priority Applications (No Type Date): JP 200114016 A 20010123

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2002218128 | A | 7 | H04N-001/00 | |

Abstract (Basic): JP 2002218128 A

NOVELTY - The equipment displays the character code arrangement of small-sized bit map fonts for producing a cover letter and transmits the produced cover letter to a server (30) through a mobile phone (20). The **server** produces a cover letter of **high -definitive fonts** and transmits to the equipment as image data. The equipment receives the **image data converts** into facsimile format and carries out facsimile transmission.

USE - In e.g. digital camera with facsimile function enabling transmission of covering letter in facsimile format.

ADVANTAGE - Enables transmission of covering letter with high-definitive format increasing legibility to receiving party even from the equipment having bit map font of 12 dots.

DESCRIPTION OF DRAWING(S) - The figure shows the portable terminal equipment with facsimile function. (Drawing includes non-English language text).

Mobile phone (20)

Server (30)

pp; 7 DwgNo 1/4

Title Terms: PORTABLE; TERMINAL; EQUIPMENT; DIGITAL; CAMERA; FACSIMILE; TRANSMISSION; FUNCTION; SERVE; PRODUCE; COVER; LETTER; IMAGE; DATA; HIGH; FONT; CONVERT; IMAGE; DATA; FACSIMILE; FORMAT

Derwent Class: W01; W02

International Patent Class (Main): **H04N-001/00**

International Patent Class (Additional): **H04N-001/387** ; H04Q-007/38

File Segment: EPI

14/5/36 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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014782140 **Image available**

WPI Acc No: 2002-602846/200265

XRPX Acc No: N02-477984

Image processor for e.g. digital cinema system has liquid crystal projectors that display image to prescribed area or screen depending on video signal after dividing image into two image data

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|-------------|
| JP 2002162953 | A | 20020607 | JP 2000359922 | A | 20001127 | 200265 B |

Priority Applications (No Type Date): JP 2000359922 A 20001127

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2002162953 | A | 10 | G09G-005/00 | |

Abstract (Basic): JP 2002162953 A

NOVELTY - Liquid crystal projectors (27A,27B) display an image to a prescribed area or screen (28) depending on a video signal (D1). The image is divided into two image data which are equivalent to the amount of standard image of data depending on the same video signal.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) image processing method;

(b) and a content distribution system.

USE - For e.g. digital cinema system that delivers and shows **image data converted** from movie film into format of **high** definition television system through **network** with telecine device.

ADVANTAGE - Obtains high resolution image without greatly changing structure of image processor.

DESCRIPTION OF DRAWING(S) - The figure shows a structure diagram of the digital cinema system. (Drawing includes non-English language text).

Liquid crystal projectors (27A,27B)

Screen (28)

Video signal (D1)

pp; 10 DwgNo 1/7

Title Terms: IMAGE; PROCESSOR; DIGITAL; CINEMA; SYSTEM; LIQUID; CRYSTAL; PROJECT; DISPLAY; IMAGE; PRESCRIBED; AREA; SCREEN; DEPEND; VIDEO; SIGNAL; AFTER; DIVIDE; IMAGE; TWO; IMAGE; DATA

Derwent Class: P85; W04

International Patent Class (Main): G09G-005/00

International Patent Class (Additional): G09G-005/391; **H04N-005/253**

File Segment: EPI; EngPI

14/5/37 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014558530 **Image available**

WPI Acc No: 2002-379233/200241

XRPX Acc No: N02-296920

Image processing method in color copier, internet facsimile, involves converting low concentration image data into uniform color space by converter

Patent Assignee: FUJI XEROX CO LTD (XERF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2002112049 | A | 20020412 | JP 2000294398 | A | 20000927 | 200241 B |

Priority Applications (No Type Date): JP 2000294398 A 20000927

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|---------------|--------------|
| JP 2002112049 | A | | 6 H04N-001/60 | |

Abstract (Basic): JP 2002112049 A

NOVELTY - The low concentration image data is removed from an input image data and is converted into uniform color space by converter (23a).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for image-processor.

USE - For color copier, internet facsimile, etc.

ADVANTAGE - High quality image can be obtained. Compression rate of the image data is enhanced, hence the image communication time and communication-charge can be suppressed.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the facsimile using image processor. (Drawing includes non-English language text).

Converter (23a)

pp; 6 DwgNo 1/6

Title Terms: IMAGE; PROCESS; METHOD; COLOUR; COPY; FACSIMILE; CONVERT; LOW; CONCENTRATE; IMAGE; DATA; UNIFORM; COLOUR; SPACE; CONVERTER

Derwent Class: T01; W02

International Patent Class (Main): H04N-001/60

International Patent Class (Additional): G06T-001/00; H04N-001/407 ;

H04N-001/46

File Segment: EPI

14/5/38 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014447139 **Image available**

WPI Acc No: 2002-267842/200231

XRPX Acc No: N02-208309

Image production method for internet sales and distribution, involves creating masked image by removing undesired indicia from each image of clothing article

Patent Assignee: EVOX PRODN (EVOX-N)

Inventor: FALSTRUP D C; HOWARD R

Number of Countries: 021 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|---------------|------|----------|----------|
| WO 200163932 | A1 | 20010830 | WO 2001US5699 | A | 20010222 | 200231 B |

Priority Applications (No Type Date): US 2000513650 A 20000225

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|--------------|------|--------|-------------|--------------|
| WO 200163932 | A1 | E 45 | H04N-007/18 | |

Designated States (National): CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

Abstract (Basic): WO 200163932 A1

NOVELTY - The initial operating parameters are set for a camera, to capture the image of clothing article mounted on a mannequin which is placed on a mount. The mount is rotated relative to camera to specified

angle and the image of the article is captured at each specified angle. The undesired indicia is removed from the image and resultant masked image is stored.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for image production system.

USE - For producing image files for internet sales and distribution of clothing item such as shirt, pant.

ADVANTAGE - **Creates high** volume of **image** files, hence facilitates efficient **internet** sales and distribution.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of image manufacturing cell.

pp; 45 DwgNo 2/4

Title Terms: IMAGE; PRODUCE; METHOD; SALE; DISTRIBUTE; MASK; IMAGE; REMOVE; UNDESIRABLE; INDICIA; IMAGE; CLOTHING; ARTICLE

Derwent Class: W02; W05

International Patent Class (Main): **H04N-007/18**

File Segment: EPI

14/5/39 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014383273 **Image available**

WPI Acc No: 2002-203976/200226

Apparatus for displaying points

Patent Assignee: LEE K S (LEEK-I)

Inventor: LEE K S

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| KR 2001096342 | A | 20011107 | KR 200020438 | A | 20000418 | 200226 B |

Priority Applications (No Type Date): KR 200020438 A 20000418

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| KR 2001096342 | A | | 1 | G06F-017/00 | |

Abstract (Basic): KR 2001096342 A

NOVELTY - An apparatus for displaying points is provided to enable a user to easily recognize how high a point level is by providing a graphic image.

DETAILED DESCRIPTION - A web site(20) of a web server provides a ranking service of an on-line game connected to a computer screen(10) through a web browser. An apparatus for displaying points provides a predetermined point(37) in text form according to ranking, activity, contribution of a member in the web site(20). Point levels of the member(35,36) are displayed in a graphic image(34) in point areas divided by a plurality of levels. The graphic image(34) is a predetermined mark or a **cyber** badge of rank showing how **high** a level is in the point areas. The graphic **image** (34) is **changed** in real time by point increase of the member using a database of the web server, whereby a user can directly confirm point rankings of the members by seeing the graphic image(34).

pp; 1 DwgNo 1/10

Title Terms: APPARATUS; DISPLAY; POINT

Derwent Class: T01

International Patent Class (Main): **G06F-017/00**

File Segment: EPI

14/5/40 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014382993 **Image available**
WPI Acc No: 2002-203696/200226

Information system for suitably manufacturing and selling vehicle and method for managing thereof

Patent Assignee: KIM D S (KIMD-I); PARK B J (PARK-I)

Inventor: KIM D S; PARK B J

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| KR 2001095887 | A | 20011107 | KR 200019347 | A | 20000412 | 200226 B |

Priority Applications (No Type Date): KR 200019347 A 20000412

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|-------------|--------------|
| KR 2001095887 | A | 1 | G06F-017/60 | |

Abstract (Basic): KR 2001095887 A

NOVELTY - An information system for suitably manufacturing and selling a vehicle and a method for managing thereof are provided to enable a buyer to assist for manufacturing a buyer-wanted suitable type vehicle by providing a high-performance server system, a three-dimensional design tool, a three-dimensional displaying tool, and a moving picture manufacturing compounding and simulating tool.

DETAILED DESCRIPTION - A suitable type manufacturing system(100) includes a web server being linked with a computer **network**, a design tool, a large-sized capacity **high** speed processing database, an **image converter** (120), and a moving **picture image converter** (130), and simulates a virtual suitable type manufactured vehicle. A selling system(200) includes a transaction information processing system(210) calculating and providing a price for buying the suitable type manufactured vehicle and a payment information processing system(220) having functions for a conclusion of an order and a management of a manufacture.

pp; 1 DwgNo 1/10

Title Terms: INFORMATION; SYSTEM; SUIT; MANUFACTURE; SELL; VEHICLE; METHOD; MANAGE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

14/5/41 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014341670 **Image available**
WPI Acc No: 2002-162373/200221

Method and system for processing moving picture data based on vector graphic through wireless network

Patent Assignee: DIGITALARIA CO LTD (DIGI-N); DIGITALARIA (DIGI-N)

Inventor: CHO S H; CHOI J J; JANG D H; KIM M S; LEE C H; OH H S; PARK G R; CHANG D; CHO S; CHOI J; KIM M; LEE C; OH H; PARK K

Number of Countries: 097 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|--------------|------|----------|----------|
| KR 2001088974 | A | 20010929 | KR 200152313 | A | 20010829 | 200221 B |

WO 200221874 A1 20020314 WO 2001KR1456 A 20010829 200225
AU 200182649 A 20020322 AU 200182649 A 20010829 200251

Priority Applications (No Type Date): KR 200050315 A 20000829

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001088974 A 1 H04B-001/40

WO 200221874 A1 E H04Q-007/38

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200182649 A H04Q-007/38 Based on patent WO 200221874

Abstract (Basic): KR 2001088974 A

NOVELTY - A method and a system for processing a moving picture data based on a vector graphic through a wireless **network** are provided to transmit **high** -speed data and service the moving **picture** with excellent **picture** quality by **converting** and optimizing the moving **picture** based on the vector graphic to be suitable for wireless **Internet** environment and transmitting the moving picture to a wireless terminal device of a user.

DETAILED DESCRIPTION - If an inputted tag is not an end tag, it is confirmed whether the inputted tag is a showFrame tag used when converted into wireless data(s16). If the inputted tag is the showFrame tag, it is confirmed whether a corresponding frame is composed as only PlaceObject tags(s20). If the corresponding frame is composed as only the PlaceObject tags, a flash moving picture is registered in a between frame list(s22). If a frame is not deleted, a varying quantity to an active characteristic between successive frames is calculated, and the calculated varying quantity is applied to a frame deletion rule(s36). When the varying quantity is smaller than a reference varying quantity, a previous frame or a rear frame is deleted(s38). If the inputted tag is not showFrame tag, it is checked whether the inputted tag is a definition tag(s18). If the inputted tag is not the definition tag, the inputted tag is stored(s42). If the inputted tag is the definition tag, it is discriminated whether a tag is a tag unnecessary for transmitting the wireless data. If a tag is the tag unnecessary for transmitting the wireless data, the tag is deleted(s26). If the tag is not deleted, it is discriminated whether the tag is a shape tag(s28). If the tag is the shape tag, curve data are converted into a linear data and a plurality of converted linear data are combined to optimize the shape data(s32), and a corresponding tag and tag data are stored(s42).

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; PROCESS; MOVE; PICTURE; DATA; BASED; VECTOR;
GRAPHIC; THROUGH; WIRELESS; NETWORK

Derwent Class: W02

International Patent Class (Main): H04B-001/40; H04Q-007/38

International Patent Class (Additional): **G06F-017/30**

File Segment: EPI

14/5/42 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014134239 **Image available**

WPI Acc No: 2001-618450/200172

XRPX Acc No: N01-461324

Digital image based goods Internet based manipulation and ordering method
where a low resolution image is uploaded to preview the goods and a
high resolution image uploaded after purchase

Patent Assignee: EASTMAN KODAK CO (EAST)

Inventor: CHAUVIN L A ; FRY P T

Number of Countries: 026 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|---------------|------|----------|----------|
| EP 1139256 | A1 | 20011004 | EP 2001201006 | A | 20010319 | 200172 B |

Priority Applications (No Type Date): US 2000540148 A 200000331

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| EP 1139256 | A1 | E | 8 | G06F-017/60 | |

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1139256 A1

NOVELTY - A low resolution digital image is uploaded over the Internet to the sever. The image is manipulated to show the user previews of the goods that can be purchased then a high resolution image is uploaded to make the final product. The low resolution image can be no greater than 200 by 150 pixels and the high resolution image can be no smaller than 780 by 560 pixels.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a system for manipulating and ordering goods featuring images over The Internet.

USE - For Internet sites where goods such as gifts, image imprinted articles and enlargements based on digital images are sold.

ADVANTAGE - Goods are able to be ordered without having to wait for a high resolution image file to be uploaded to the server.

DESCRIPTION OF DRAWING(S) - The drawing is a schematic diagram of the system.

the system (10)

network (16)

image storage device (27)

pp; 8 DwgNo 1/2

Title Terms: DIGITAL; IMAGE; BASED; GOODS; BASED; MANIPULATE; ORDER; METHOD
; LOW; RESOLUTION; IMAGE; PREVIEW; GOODS; HIGH; RESOLUTION; IMAGE; AFTER;
PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

14/5/43 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014037335 **Image available**

WPI Acc No: 2001-521548/200157

XRPX Acc No: N01-386467

Terminal for connecting to different networks includes an image reproduction device, loudspeakers, a receiver for TV and radio signals, a bi-directional interface to connect to a communications network and an image control device.

Patent Assignee: DEUT TELEKOM AG (DEBP); TEXAS INSTR DEUT GMBH (TEXI)

Inventor: BENTZ A; HIERHAGER A; REIMERS J; SCHNEIDER H

Number of Countries: 019 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|------|-------------|------|------|------|
|-----------|------|------|-------------|------|------|------|

WO 200115431 A1 20010301 WO 2000EP8155 A 20000822 200157 B

Priority Applications (No Type Date): DE 1040325 A 19990825

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200115431 A1 G 24 H04N-005/00

Designated States (National): US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

Abstract (Basic): WO 200115431 A1

NOVELTY - A TV receiver (14) can receive cable, satellite and terrestrial TV. Received TV signals are fed to a control circuit (15) for a display (16) such as a cathode ray tube, a flat screen or a video projector. The control circuit can perform complex graphics functions through a terminal for displaying user/system interfaces, Internet sites and video games.

USE - For subscribing to different network services, e.g. pay-per-view, pay-TV, video on demand and interactive video.

ADVANTAGE - Especially **high** flexibility is achieved through the fact that a digital signal processor is designed to process **image** and sound signals and to **create** access to more than one communications **network** via one or more interfaces. Video signals generated by the receiver and decoded and received from a communications network can be fed to the display and mixed with graphics signals.

DESCRIPTION OF DRAWING(S) - The drawing shows a logical flow diagram of the present invention.

TV receiver (14)

Control circuit (15)

Display (16)

pp; 24 DwgNo 3/5

Title Terms: TERMINAL; CONNECT; NETWORK; IMAGE; REPRODUCE; DEVICE;

LOUDSPEAKER; RECEIVE; TELEVISION; RADIO; SIGNAL; BI; DIRECTION; INTERFACE
; CONNECT; COMMUNICATE; NETWORK; IMAGE; CONTROL; DEVICE

Derwent Class: W01; W03

International Patent Class (Main): H04N-005/00

File Segment: EPI

14/5/44 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013923550 **Image available**

WPI Acc No: 2001-407763/200143

XRPX Acc No: N01-301717

Data forwarding system for online print advertisement searching in computer, parses the input text into separate data files and converts input image into output image of specific resolution

Patent Assignee: SCRIPPS CO E W (SCRI-N)

Inventor: FRANXMAN G H

Number of Countries: 090 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|----------------|------|----------|----------|
| WO 200113253 | A2 | 20010222 | WO 2000US21733 | A | 20000810 | 200143 B |
| AU 200065336 | A | 20010313 | AU 200065336 | A | 20000810 | 200143 |

Priority Applications (No Type Date): US 2000526549 A 20000316; US 99148583
P 19990813

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
 WO 200113253 A2 E 60 G06F-015/00
 Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
 SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
 AU 200065336 A G06F-015/00 Based on patent WO 200113253

Abstract (Basic): WO 200113253 A2

NOVELTY - The open pre press interface (OPI) proxy server receives the image and text from the advertisement sources (300,302,304) and parses the text into separate data files. **Image conversion server converts** the input **image** into output **images** with **high** resolution. The output image is transmitted to **web server** (210) to forward image to web users (250,252,254) connected to the Internet (240).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for advertising data forwarding method.

USE - For forwarding advertisements printed on newspaper or any other paper media to user computer connected to Internet, in online data searching.

ADVANTAGE - Improves web surfing experience of user by facilitating faster loading and/or reloading of web pages having web advertisements.

DESCRIPTION OF DRAWING(S) - The figure shows the high level architecture of the data forwarding system.

Web server (210)

Internet (240)

Web users (250,252,254)

Advertisement sources (300,302,304)

pp; 60 DwgNo 2/18

Title Terms: DATA; FORWARDING; SYSTEM; PRINT; ADVERTISE; SEARCH; COMPUTER; INPUT; TEXT; SEPARATE; DATA; FILE; CONVERT; INPUT; IMAGE; OUTPUT; IMAGE; SPECIFIC; RESOLUTION

Derwent Class: T01; W01

International Patent Class (Main): **G06F-015/00**

File Segment: EPI

14/5/45 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013734809

WPI Acc No: 2001-219039/200123

XRPX Acc No: N01-156057

Device and method for transmitting multimedia information and high-definition narrow-band wide image over Internet

Patent Assignee: GUOLIANHUIGUANG NETWORK INFORMATION TECH (GUOL-N)

Inventor: CHEN M; PANG J

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|---------------|------|----------|----------|
| CN 1276570 | A | 20001213 | CN 2000121923 | A | 20000721 | 200123 B |

Priority Applications (No Type Date): CN 2000121923 A 20000721

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|--------------|--------------|
| CN 1276570 | A | | | G06F-015/173 | |

Abstract (Basic): CN 1276570 A

NOVELTY - A device and method for transmitting multimedia information and **high** -definition narrow-band wide-width image over **Internet** is disclosed. The continuous information cells collecting module **converts** the data received by interface to **image** file, sound file and index file and stores them in memory. A differential operation unit and information cell difference replay unit are arranged before transmission port. Its advantages are transmitting the difference between adjacent image fields other than the first field for less data to be transmitted and shorter transmission time.

DwgNo 0/0

Title Terms: DEVICE; METHOD; TRANSMIT; INFORMATION; HIGH; DEFINE; NARROW; BAND; WIDE; IMAGE

Derwent Class: T01

International Patent Class (Main): **G06F-015/173**

International Patent Class (Additional): **G06F-017/30**

File Segment: EPI

14/5/46 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013647569 **Image available**

WPI Acc No: 2001-131778/200114

XRPX Acc No: N01-097898

Video on-demand support system for computer network, acquires attribute and highlight scene information from video server, which is output based on access through world wide web browser

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2000350184 | A | 20001215 | JP 99159762 | A | 19990607 | 200114 B |

Priority Applications (No Type Date): JP 99159762 A 19990607

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---------------|------|-----|----|--------------|--------------|
| JP 2000350184 | A | | 9 | H04N-007/173 | |

Abstract (Basic): JP 2000350184 A

NOVELTY - Video server (2-1 - 2-3) supply video data to clients (4-1 - 4-n). A video information providing unit (32) acquires the attribute information and highlight scene information about the video data from each server. The acquired information is output to a WWW server (3) in response to the access through WWW browser (41).

DETAILED DESCRIPTION - The video **server** is equipped with a moving **image** /still **picture converter** (22) which **converts** the specific video data into still picture format, based on the positional information of set **highlight** scene. The converted data is output to **WWW server** . The video information providing unit obtains information from the video server. An INDEPENDENT CLAIM is also included for web server.

USE - For computer network.

ADVANTAGE - The contents provided in several video servers are obtained from single server by eliminating need for individual accessing of servers.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of video on demand support system.

Video server (2-1 - 2-3)

WWW server (3)
Clients (4-1 - 4-n)
Picture converter (22)
Video information providing unit (32)
WWW browser (41)
pp; 9 DwgNo 1/13

Title Terms: VIDEO; DEMAND; SUPPORT; SYSTEM; COMPUTER; NETWORK; ACQUIRE;
ATTRIBUTE; HIGHLIGHT; SCENE; INFORMATION; VIDEO; SERVE; OUTPUT; BASED;
ACCESS; THROUGH; WORLD; WIDE; WEB
Derwent Class: T01; W02
International Patent Class (Main): **H04N-007/173**
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

14/5/47 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013528537 **Image available**
WPI Acc No: 2001-012743/200102
XRPX Acc No: N01-010159

**Image processor in network system, has image reading unit which is
controlled to change format of image information after which content
is transmitted to external apparatus with lowest priority value**

Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2000295385 | A | 20001020 | JP 9997037 | A | 19990402 | 200102 B |

Priority Applications (No Type Date): JP 9997037 A 19990402

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|----------------|--------------|
| JP 2000295385 | A | | 56 H04N-001/00 | |

Abstract (Basic): JP 2000295385 A

NOVELTY - Several external apparatus are connected to information source and priority value of information which is to be transmitted to each external apparatus is determined. The image reading unit which reads image information content, is controlled to change format of image information after which content is transmitted to external apparatus with lowest priority.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for image processing procedure.

USE - Image processor in network system.

ADVANTAGE - Enables to increase the information transmission efficiency.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network system.

pp; 56 DwgNo 1/72

Title Terms: IMAGE; PROCESSOR; NETWORK; SYSTEM; IMAGE; READ; UNIT; CONTROL;
CHANGE; FORMAT; IMAGE; INFORMATION; AFTER; CONTENT; TRANSMIT; EXTERNAL;
APPARATUS; LOW; PRIORITY; VALUE

Derwent Class: P75; S06; T04; W02

International Patent Class (Main): **H04N-001/00**

International Patent Class (Additional): B41J-021/00; B41J-029/38;

H04N-001/32

File Segment: EPI; EngPI

14/5/48 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012733554 **Image available**
WPI Acc No: 1999-539671/199945
XRPX Acc No: N99-399867

Interactive three dimensional globe creating method in internet

Patent Assignee: PLATINUM TECHNOLOGY IP INC (PLAT-N)
Inventor: MARRIN C F; MOTT D C; SHUTE G C; WOODS D J
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 5956039 | A | 19990921 | US 97900471 | A | 19970725 | 199945 B |

Priority Applications (No Type Date): US 97900471 A 19970725

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5956039 | A | 19 | G06F-015/00 | |

Abstract (Basic): US 5956039 A

NOVELTY - A bounding box for the three dimensional globe is determined. A grip (502) comprising several regions is created enclosing the bounding box. The assets for the globe are assigned with priorities based on the asset type and defined region priorities.

DETAILED DESCRIPTION - The region priorities for the regions are defined based on the distance of the regions from an asset origin which is constructed for each asset type based on the position of a virtual camera. An INDEPENDENT CLAIM is also included for interactive three dimensional globe creating system.

USE - For creating interactive three dimensional globe in internet.

ADVANTAGE - Provides increased performance associated with creating 3D images from a network by fetching objects that are most important to the user as quickly as possible. The unloading of low priority assets enables the browsing of an infinitely large world by effective use of finite resources.

DESCRIPTION OF DRAWING(S) - The figure depicts the 2D explanatory drawing describing the 3D process of prioritizing assets.

Grip (502)

pp; 19 DwgNo 5A/7

Title Terms: INTERACT; THREE; DIMENSION; GLOBE; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

14/5/49 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012572209 **Image available**
WPI Acc No: 1999-378316/199932
Related WPI Acc No: 1999-274507; 1999-344215; 1999-376433
XRPX Acc No: N99-283342

Information processing method for image data transmitted from electronic camera to communication devices - involves judging type of information processor to which data is to be transmitted, and then selecting mode of information transmission from electronic camera through network

Patent Assignee: NIKON CORP (NIKR)
Inventor: EJIMA S; OHMURA A

Number of Countries: 002 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| JP 11146034 | A | 19990528 | JP 97305213 | A | 19971107 | 199932 B |
| US 6259469 | B1 | 20010710 | US 98146043 | A | 19980902 | 200141 |
| US 20030067534 | A1 | 20030410 | US 98146043 | A | 19980902 | 200327 |
| | | | US 2001842707 | A | 20010427 | |
| | | | US 2002298068 | A | 20021118 | |

Priority Applications (No Type Date): JP 97305213 A 19971107; JP 97240640 A 19970905; JP 97291982 A 19971024; JP 97305238 A 19971107

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|----------------|------|--------|-------------|---|
| JP 11146034 | A | 23 | H04L-029/08 | |
| US 6259469 | B1 | | H04N-007/14 | |
| US 20030067534 | A1 | | H04N-007/14 | Div ex application US 98146043 Cont of application US 2001842707 Div ex patent US 6259469 |

Abstract (Basic): JP 11146034 A

NOVELTY - Image information transmitted from electronic camera (1) is input to a recording unit. The type of information processor to which data is to be transmitted is judged. Based on judgment, mode of information transmission is selected and then information transmission is performed via network (103). DETAILED DESCRIPTION - The information processor at receiving side is either telephone (106), facsimile (107), video telephone (108) or server (105).

USE - For image data transmitted from electronic camera to communication devices such as telephone, facsimile, video telephone.

ADVANTAGE - **Simplifies** transmission of **image** information to information processors at **high** speed. DESCRIPTION OF DRAWING(S) - The figure shows **network** connecting electronic camera and other information processors. (1) Electronic camera; (103) Network; (105) Server; (106) Telephone; (107) Facsimile; (108) Video telephone.

Dwg.10/23

Title Terms: INFORMATION; PROCESS; METHOD; IMAGE; DATA; TRANSMIT; ELECTRONIC; CAMERA; COMMUNICATE; DEVICE; JUDGEMENT; TYPE; INFORMATION; PROCESSOR; DATA; TRANSMIT; SELECT; MODE; INFORMATION; TRANSMISSION; ELECTRONIC; CAMERA; THROUGH; NETWORK

Derwent Class: T01; W01; W02; W04

International Patent Class (Main): H04L-029/08; H04N-007/14

International Patent Class (Additional): H04N-001/00 ; H04N-001/32 ; H04N-005/225 ; H04N-005/765 ; H04N-005/781

File Segment: EPI

14/5/50 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011622792 **Image available**

WPI Acc No: 1998-039920/199804

XRPX Acc No: N98-032392

Image remote share system e.g. desk top conference system - has remote place side desk top conference system terminal which receives image data from centre terminal through ISDN network and has patterning input unit for patterning of image data

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE); NTT ADVANCE TECHNOLOGY KK (NITE); TOYO ENG CORP (TOXS)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 9294255 | A | 19971111 | JP 96106506 | A | 19960426 | 199804 B |

Priority Applications (No Type Date): JP 96106506 A 19960426

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|---------------|--------------|
| JP 9294255 | A | | 6 H04N-007/14 | |

Abstract (Basic): JP 9294255 A

The system includes an image processing computer (1) which divides the image data into a moving image and still image. A centre side desk top conference system terminal (2-1) receives the moving image as a video signal, via a scan **converter** (4). The still **image** is received as a **high** definition image data through a **LAN network** (3).

The allocation of the image data is done to a remote place side desk top conference system terminal (2-2) through an ISDN network (5). An image memory between the terminals, synchronises the computer image received from the terminal. The remote terminal has a patterning input unit which allows patterning of data.

USE/ADVANTAGE - For plant engineering design. Does not require other party to go to remote area. Enables data exchange and display between different models of computer. Increases efficiency of cooperation work. Shortens display queueing time and reduces communication cost.

Dwg.1/3

Title Terms: IMAGE; REMOTE; SHARE; SYSTEM; DESK; TOP; CONFER; SYSTEM; REMOTE; PLACE; SIDE; DESK; TOP; CONFER; SYSTEM; TERMINAL; RECEIVE; IMAGE; DATA; CENTRE; TERMINAL; THROUGH; ISDN; NETWORK; PATTERN; INPUT; UNIT; PATTERN; IMAGE; DATA

Index Terms/Additional Words: INTEGRATED; SERVICES; DIGITAL; NETWORK

Derwent Class: W01; W02

International Patent Class (Main): **H04N-007/14**

International Patent Class (Additional): **G06F-013/00**

File Segment: EPI

14/5/51 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010971688 **Image available**

WPI Acc No: 1996-468637/199647

XRPX Acc No: N96-394892

Printing processing system - has selector that chooses particular printing processor that will convert printing data to image data

Patent Assignee: FUJI XEROX CO LTD (XERF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 8234935 | A | 19960913 | JP 9534933 | A | 19950223 | 199647 B |

Priority Applications (No Type Date): JP 9534933 A 19950223

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|----------------|--------------|
| JP 8234935 | A | | 10 G06F-003/12 | |

Abstract (Basic): JP 8234935 A

The system includes a host appts. (10) which inputs the printing data. The printing data input by the host appts. is received by several printing processors (20) that convert the printing data to the image

data. The image data converted by the printing processors is received by a printer (30) that outputs the image data to a recording medium. The host appts., the printing processors and the printer are mutually connected with each other.

The **image data converted** by several printing processor is transferred to the printer at **high** speed through an asynchronous-transfer-mode **network** (40). A selector (12) chooses which of the printing processors will perform the printing data conversion.

ADVANTAGE - Offers cost effective and improves efficiency of printing processing system. Enables selection of printing processor to perform conversion of large amt. of printing data.

Dwg.1/10

Title Terms: PRINT; PROCESS; SYSTEM; SELECT; CHOICE; PRINT; PROCESSOR;

CONVERT; PRINT; DATA; IMAGE; DATA

Index Terms/Additional Words: ATM

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/12

File Segment: EPI

14/5/52 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010961848 **Image available**

WPI Acc No: 1996-458797/199646

Related WPI Acc No: 1995-151141

XRPX Acc No: N97-374215

Reading sequential-format compressed image data compressed by using orthogonal transform and Huffman coding - examining frequency components of read-out compressed image data, deleting some frequency components without altering size of coded data and obtaining compressed image data of quality lower than original quality of compressed image data

Patent Assignee: HITACHI LTD (HITA)

Inventor: KAMO M; KAWAHARA T; KOHIYAMA T; NAKATA J; TOMITA T; TOMOKANE T; YAMADA T; YAMAGISHI M

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 6309376 | A | 19941104 | JP 9399771 | A | 19930426 | 199646 B |
| US 5666161 | A | 19970909 | US 94233702 | A | 19940426 | 199742 |

Priority Applications (No Type Date): JP 9399771 A 19930426; JP 93173971 A 19930714

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| JP 6309376 | A | | 21 | G06F-015/40 | |
| US 5666161 | A | | 34 | H04N-007/30 | |

Abstract (Basic): JP 6309376 A

The display device has a deletion part (3) to delete the code corresponding to a predetermined frequency component of the compressed image data output from an output part (2), sequentially. The output data from the deletion part is transmitted to a decoding part (5) through a transmission line (103). The transmitted data is decoded by the decoding part. A display part (6) displays a rough image and a reduction image. The data related to the rough image and the reduction image displayed are stored by a complement part (107).

The deletion part deletes the data output from the output part,

corresponding to the data held by the complement part while displaying the image vividly. The output data from the deletion part is transmitted to the decoder, through the transmission line. The decoder decodes the transmitted data. The decoded data is added and complemented with the data held by the complement part and a clear image is displayed on the display part.

ADVANTAGE - Displays rough image and reduction image simultaneously at high speed. Improves work efficiency. Shortens data transferring time and compressed image decoding time. Reduces quantity of data for moving image.

Dwg.4/21

US 5666161 A

Compressed image data of a desired picture is read out from a memory having compressed image data of a sequential format stored therein and then subjected to an examination with respect to a plurality of frequency components of the read-out compressed image data. Part of the frequency components is deleted to obtain compressed image data of a quality lower than an original quality of the compressed image data. The obtained compressed image data of the lower quality is decoded and displayed on a display. The frequency components are deleted in a stepwise manner according to a traffic state of a transmission line through which the compressed image data is to be transmitted.

For maintaining a picture frame rate to be constant, the frequency components may be deleted in a stepwise manner. For obtaining a desired decoding rate, the frequency components are deleted in a stepwise manner.

ADVANTAGE - Quickly obtains general picture image of **low** quality. Varies quality of retrieval **image** according to retrieval- **picture changing** rate. Varies amount of **image** data in motion picture according to bandwidth of **network** .

Dwg.9/22

Title Terms: READ; SEQUENCE; FORMAT; COMPRESS; IMAGE; DATA; COMPRESS; ORTHOGONAL; TRANSFORM; HUFFMAN; CODE; FREQUENCY; COMPONENT; READ; COMPRESS; IMAGE; DATA; DELETE; FREQUENCY; COMPONENT; ALTER; SIZE; CODE; DATA; OBTAIN; COMPRESS; IMAGE; DATA; QUALITY; LOWER; ORIGINAL; QUALITY; COMPRESS; IMAGE; DATA

Derwent Class: T01; U21; W01; W02; W04

International Patent Class (Main): G06F-015/40 ; H04N-007/30

International Patent Class (Additional): G06F-015/62 ; G06F-015/66 ;

H04N-001/41 ; H04N-007/18

File Segment: EPI

14/5/53 (Item 27 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010413931 **Image available**

WPI Acc No: 1995-315245/199541

XRPX Acc No: N95-238190

Facsimile server between LAN of client terminals and WAN of facsimile appts. - has two software and hardware based image processing parts one for converting from LAN to WAN format and other vice versa, thus performing high speed processing NoAbstract

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 7212403 | A | 19950811 | JP 943967 | A | 19940119 | 199541 B |

Priority Applications (No Type Date): JP 943967 A 19940119

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 7212403 A 6 H04L-012/66

Title Terms: FACSIMILE; SERVE; LAN; CLIENT; TERMINAL; WAN; FACSIMILE;
APPARATUS; TWO; SOFTWARE; HARDWARE; BASED; IMAGE; PROCESS; PART; ONE;
CONVERT; LAN; WAN; FORMAT; VICE; PERFORMANCE; HIGH; SPEED; PROCESS;
NOABSTRACT

Derwent Class: W01; W02

International Patent Class (Main): H04L-012/66

International Patent Class (Additional): H04N-001/32

File Segment: EPI

14/5/54 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010249886 **Image available**

WPI Acc No: 1995-151141/199520

Related WPI Acc No: 1996-458797

XRPX Acc No: N97-374215

**Reading sequential-format compressed image data compressed by using
orthogonal transform and Huffman coding - examining frequency components
of read-out compressed image data, deleting some frequency components
without altering size of coded data and obtaining compressed image data
of quality lower than original quality of compressed image data**

Patent Assignee: HITACHI LTD (HITA)

Inventor: KAMO M; KAWAHARA T; KOHIYAMA T; NAKATA J; TOMITA T; TOMOKANE T;
YAMADA T; YAMAGISHI M

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 7075092 | A | 19950317 | JP 93173971 | A | 19930714 | 199520 B |
| US 5666161 | A | 19970909 | US 94233702 | A | 19940426 | 199742 |

Priority Applications (No Type Date): JP 93173971 A 19930714; JP 9399771 A
19930426

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 7075092 A 9 H04N-007/24

US 5666161 A 34 H04N-007/30

Abstract (Basic): JP 7075092 A

Dwg.5/5

US 5666161 A

Compressed image data of a desired picture is read out from a memory having compressed image data of a sequential format stored therein and then subjected to an examination with respect to a plurality of frequency components of the read-out compressed image data. Part of the frequency components is deleted to obtain compressed image data of a quality lower than an original quality of the compressed image data. The obtained compressed image data of the lower quality is decoded and displayed on a display. The frequency components are deleted in a stepwise manner according to a traffic state of a transmission line through which the compressed image data is to be transmitted.

For maintaining a picture frame rate to be constant, the frequency components may be deleted in a stepwise manner. For obtaining a desired decoding rate, the frequency components are deleted in a stepwise

manner.

ADVANTAGE - Quickly obtains general picture image of **low** quality. Varies quality of retrieval **image** according to retrieval- **picture changing** rate. Varies amount of **image** data in motion picture according to bandwidth of **network** .

Dwg.9/22

Title Terms: READ; SEQUENCE; FORMAT; COMPRESS; IMAGE; DATA; COMPRESS; ORTHOGONAL; TRANSFORM; HUFFMAN; CODE; FREQUENCY; COMPONENT; READ; COMPRESS; IMAGE; DATA; DELETE; FREQUENCY; COMPONENT; ALTER; SIZE; CODE; DATA; OBTAIN; COMPRESS; IMAGE; DATA; QUALITY; LOWER; ORIGINAL; QUALITY; COMPRESS; IMAGE; DATA

Derwent Class: T01; U21; W01; W02; W04

International Patent Class (Main): **H04N-007/24 ; H04N-007/30**

International Patent Class (Additional): G06T-009/00; H03M-007/30;

H04B-001/66; **H04N-007/18 ; H04N-011/04**

File Segment: EPI

14/5/55 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009741267 **Image available**

WPI Acc No: 1994-021118/199403

XRPX Acc No: N95-247260

Facsimile appts. of reduced size - has upper structure which is swung about picot between open and lowered positions, with recording medium conveyor and print head arranged in front portion

Patent Assignee: HITACHI LTD (HITA); HITACHI MFG CO (HITA)

Inventor: AOYAGI M; FUKUDA H; KAWASE H; KONNO K; NARUI Y; OGA K; OHKI K;

OTSUKA Y; SATO K; SEINO T; SHIMIZU A; SUZUKI T; WATANABE M

Number of Countries: 003 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 5328008 | A | 19931210 | JP 9297675 | A | 19920417 | 199403 B |
| US 5452098 | A | 19950919 | US 9336866 | A | 19930325 | 199543 |
| US 5548411 | A | 19960820 | US 9336866 | A | 19930325 | 199639 |
| | | | US 95427279 | A | 19950424 | |
| KR 9614304 | B1 | 19961015 | KR 934567 | A | 19930324 | 199928 |

Priority Applications (No Type Date): JP 9267160 A 19920325

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|-------------------------------|
| JP 5328008 | A | | 14 | H04N-001/00 | |
| US 5452098 | A | | 21 | H04N-001/00 | |
| US 5548411 | A | | 20 | H04N-001/00 | Div ex application US 9336866 |
| KR 9614304 | B1 | | | H04N-001/00 | |

Abstract (Basic): JP 5328008 A

Dwg.1/23

US 5452098 A

The facsimile apparatus has a lower structure and an upper structure which is swingable between a raised open position and a lowered closed position about a pivot located at a lower part of the rear end portion of the apparatus. A thermal print head is fixed to the front end portion of the upper structure. A recording medium conveyor roller is fixed to the front end portion of the lower structure.

A linear image sensor and an original sheet conveyor roller are fixed to a central portion of the lower structure. The recording medium is placed on the lower structure at a position between the thermal

print head and the linear image sensor.

ADVANTAGE - Permits simplified installing of new
thermally-sensitive paper. Allows easy removal of paper jams.

Dwg.1/23

Title Terms: FACSIMILE; APPARATUS; REDUCE; SIZE; UPPER; STRUCTURE; SWING;
PICOT; OPEN; LOWER; POSITION; RECORD; MEDIUM; CONVEYOR; PRINT; HEAD;
ARRANGE; FRONT; PORTION

Derwent Class: W02

International Patent Class (Main): H04N-001/00

International Patent Class (Additional): H04N-001/024 ; H04N-001/04

File Segment: EPI